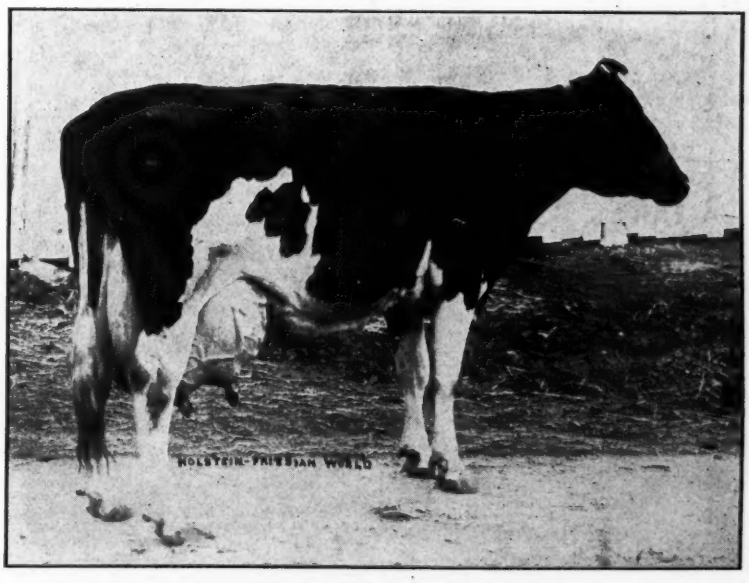
HOLSTEIN-FRIESIAN WORLD

WESTERN EDITION

VOL. II. MADISON, WISCONSIN, NOVEMBER 15, 1913. NO. 23.



RIVERSIDE SADIE DE KOL BURKE

Butter 7 days 32.29, thirty days 130.14, one year 1,085.13. two years 2,065.26. Milk, one day 134.70, six months 18,275.80, one year 28,826.40, two years 54,808.2. She was dry but three weeks between the two yearly records. Grand Champion at the California State Fair. Daughter of De Kol Burke. Owned and developed by A. W. Morris & Sons, Woodland, Cal.

Want Ad Column

$1.00 per insertion. Send price with copy.

KEYSTONE FARM

Offers bull calves from large record dams, sired by the great, young sire, **Prince Segis Korndyke, Jr., No. 74094,** whose dam is one of the very best daughters of Pietertje Hengerveld Count De Kol with a record of 719 lbs. milk and 30.34 lbs. butter in 7 days.

Write for description and prices,

C. A. PRATT, Le Raysville, Pa.

TEN HEAD CONSIGNED

I have consigned ten head, all females to the Liverpool Sale and Pedigree Co.'s Sale which is to be held on Dec. 2d and 3d, 1913. More about them later. My herd bull is **King of the Pontiacs 4th 56512.**

W. H. HORSTMAN, Schenectady, N. Y.

King Segis Champion 71546

World's record average first prize winner. Greatest breeding and individuality. Service fee $200. Send for plate and pedigree. Choice stock always for sale.

E. C. BRILL

Stewartsville, Warren Co., N. J.

MAPLEHURST FARMS.

Senior herd bull, King Pontiac Canary 78766, brother to Spring Farm Pontiac Lass, 44.15, the new world's champion.

LAMB & LANGWORTHY,
East Hamilton, N. Y.

RIVERSIDE STOCK FARM

offers an H.-F. bull born March 25, 1913. Sire, King Hengerveld Segis whose two nearest dams average 30.47 lbs. Dam, Lily Grace Cornucopia, 29.-06 lbs. butter in seven days.

Write for pedigree and price.

A. W. BROWN & SONS.

West Winfield, New York.

THE STANLEY ENGRAVING CO.

Photo-Engravers Zinc Etchers, Designers.

Half tones, 3x4, at the low price of $1.50. Cuts that will run. Reference this paper. Satisfaction guaranteed. Library Bldg., Tioga St. Ithaca, N. Y.

BULL---$100

We have no heifers for sale sired by **Johanna McKinley Segis,** but we have one bull by him, dark in color. Born Dec. 18, 1912. A good one for $100.00 to whoever wants him.

HENRY ANTHES,

Jefferson, Wisconsin.

Jenningshurst Stock Farm

Home of RAG APPLE KORNDYKE, the greatest son of PONTIAC KORNDYKE, offers a few choice bull calves.

W. W. JENNINGS TOWANDA, PENN.

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On best quality paper 9½x14 with diagram on back.

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No. 3, 14 ancestors with records up to date ..... .50c
No. 4, 14 ancestors with Blue Book records (Filled-in ped. in 2 colors).. .60c
No. 5, 14 ancestors with rec. up-to-date (Filled-in pedigrees in 2 colors) .75c

Carbon copies 10c each. Blue Book records taken from latest volume.

When ordering give name and number of sire and dam of animals not registered and those having numbers above 178946 in cows, and 95236 in bulls. For printed samples in miniature form and prices on Sale Catalogs, address **F. G. Johnston, 37 W. Lane Ave., Columbus, Ohio.**

HERD SIRES

Korndyke Pontiac Pet, No. 55995 — Sire, Pontiac Korndyke. Dam, Pontiac Pet. Butter, 37.68.

Clarissa Pietertje Ponto, No. 73616 — Sire, Lewis Prilly Rouble Hartog. Dam, Clarissa Clothilde Pietertje. Butter, 32.52.

ISAAC DALRYMPLE & SON OTSELIC, N. Y.

VALLEY VIEW STOCK FARM

OFFERS FOR SALE young stock, both male and female.
Dam and sire's dam average 31.52 lbs. butter in 7 days.
For breeding and prices write

S. B. Taylor, Canastota, N. Y.

MARBLE VALLEY STOCK FARM

SIRES IN SERVICE

Fairview Korndyke Lad, a son of **Pontiac Korndyke** and **Pontiac Pet** (37.67 lbs.)

Inka Princess Mutual De Kol, a son of **Pontiac Paul** and **Inka Princess Mutual De Kol** (33.25 lbs.)

We consign ten head of females to the **Liverpool Pedigree and Sale Co.'s** sale Dec. 2d and 3d.

J. H. MEAD & SON, WEST RUTLAND, VT.

NORWICH STOCK FARM

Send your orders where you can get WORLD'S RECORD QUALITY —either male or female—at reasonable prices.

Just one BULL CALF left that is a cousin of the 44.15-lb. Cow.

A brother of her heads my herd.

R. C. WELLS, NORWICH, N. Y.

POLLED HOLSTEIN-FRIESIANS

THE ONLY HERD OF NATURALLY HORNLESS, PURE-BRED HOLSTEIN-FRIESIANS IN THE WORLD. Registered in the Herd Books of the Holstein-Friesian Association of America. Headed by the only naturally polled Holstein-Friesian bull ever sold in a public sale, PIETJE ORMSBY SEGIS BURKE, NO. 88771, bought at the mid-winter sale at Syracuse, N. Y., January, 1912. All of this bull's calves to date, eight in number, have been naturally hornless. Polled Holstein-Friesians were first recognized in Vol. 3, Bulls, page 28, March, 1887 and admitted to registration.

A March bull calf sired by bull, Pietje Ormsby Segis Burke, out of a granddaughter of Hengerveld De Kol with an A. R. O. record at three years of 18.78 pounds. Price at any time before September 1st, $150. One other calf A. R. O. dam at 3 years, 17.07 lbs., $100.

Do not saw, cut or burn the horns off, breed them off.

GEO. E. STEVENSON & SONS, Waverly, Penna.

GRAHAMHOLM HERD HOLSTEIN-FRIESIANS.

Home of **Aaggie Cornucopia Johanna Lad, Jr., 36974.** The greatest prize winner and sire of prize winners of any bull of the breed. He has 36 A. R. O. daughters. We have several sons of this noted bull for sale—some old enough for service—all from choice A. R. O. cows.

We also offer **Sir Winana Beets Segis 52927,** a son of King Segis and a 24-lb. daughter of Paul Beets De Kol; and a very choice two-year-old grandson of King Segis.

Address W. J. Boynton, Manager, Rochester, Minnesota.

Holstein-Friesian World

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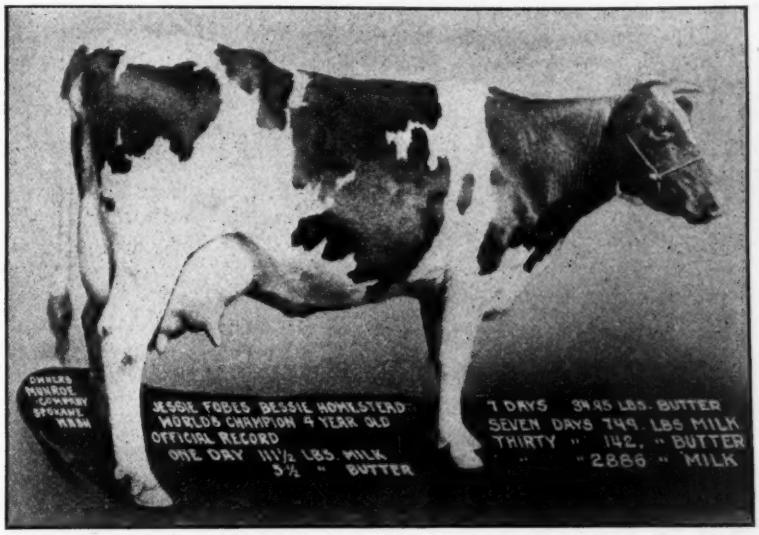


JESSIE FOBES BESSIE HOMESTEAD 100742

World Champion 4-year-old. 111½ lbs. milk, 5½ lbs. butter in one day; 749 lbs. milk, 34.95 lbs. butter in 7 days; 2886 lbs. milk, 142 lbs. butter in 30 days. Owned by the Monroe Company, Spokane, Wash.

THE PACIFIC COAST CHAMPIONS

By M. S. Prescott.

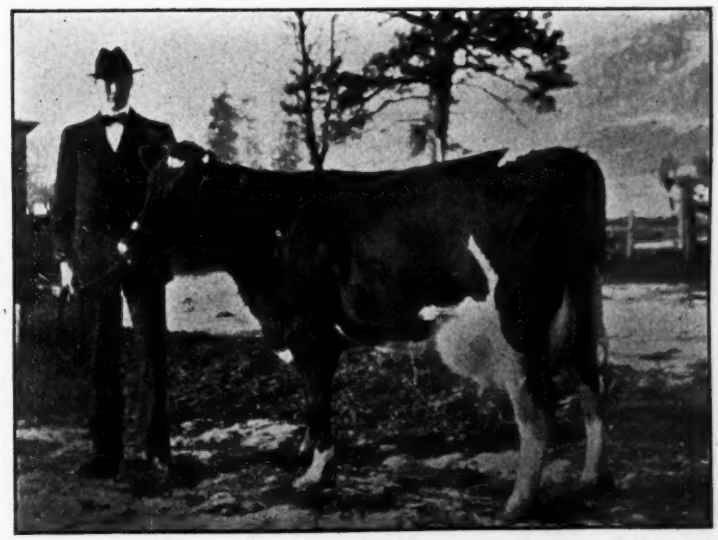
Any westerner will tell you that there is no place like the West. Allowing for a certain degree of personal bias in this declaration we still must admit that from a Holstein-Friesian standpoint as well as along purely agricultural lines, the West is making good. This article will confine its scope to that particular portion of the West that lies beyond the Rockies.

By nature this section is especially favored. The copious rainfall induces a rank growth of succulent grasses, and in fact all vegetation, while the climatic conditions are such that except in the colder portions, the cattle have to be stabled but little, spending the greater part of their time out in the sunshine and the pure invigorating air.

Another very potent reason for the remarkable development of the Holstein-Friesian cow on the Coast is that the country boasts a number of very skillful breeders and caretakers—men who are alive to their natural advantages and are making the most of them.

The largest record cow on the Coast is Gerben Queen, owned by A. C. Mills, Ferry, Wash., formerly connected with John L. .Smith, Spokane, in the ownership of the Hazelwood Holstein Farms. Gerben Queen produced 36.38 lbs. butter, 654.6 lbs. milk in seven days, 134.3 lbs. butter, 3,102 lbs. milk in thirty days.

In the senior four-year-class, Chimacum Wayne Boon, a daughter of Sir Veeman Hengerveld, owned by Wm. Bishop, Chimacum, Wash., leads with records of 33.69 lbs. butter, 734.9 lbs. milk in seven days, 137.22 lbs. butter, 2,944 lbs. milk in thirty



HAZELWOOD AAGGIE DE KOL

At 3 years, 2 months—Butter 7 days 34.90. Second largest 3-year-old record. Owned by Hazelwood Holstein Farms, Ferry and Spokane, Wash.

days. As a junior three-year-old she produced 29.56 lbs. butter in seven days; 110.6 lbs. in thirty days, the latter being the largest Pacific three-year-old record. She also has a 20-lb. two-year-old record.

The junior four-year-class brings out the sensational cow, Jessie Fobes Bessie Homestead—34.96 lbs. butter, 749 lbs. milk in seven days; 142.16 lbs. butter, 2,886 lbs. milk in 30 days. The 30-day record is a World's Record, while the 7-day record is exceeded by but two heifers in her class. This cow has four records at 2, 3, 4 and 5 years, that average over 28 lbs. —an unequalled showing.

The leading three-year-old is Hazelwood Aaggie De Kol, owned by J. L. Smith, Spokane, Wash. In seven days, at the age of three years two months, she produced 34.9 lbs. butter, 624.8 lbs. milk. Only one other three-year-old has succeeded in equaling this record. Her owner characterizes her as the best cow he has ever seen. She has been Grand Champion at several of the largest exhibitions.

The Champion senior two-year-old is Lady Bracelet De Kol, who at 2 yrs., 10 mos., 13 da., produced 26.08 lbs. butter, 555.9 lbs. milk. She was from the 31-lb. cow, Bracelet Baker of Hazelwood, and is owned and bred by A. C. Mills.

The University of California produced the Champion junior two-year-old, Lady Teake Lyons, whose records are 22.31 lbs. in seven days, 88.59 lbs. in thirty days.

As might be expected from the progressive western spirit the semi-official yearly test is every day gaining ground on the Coast. A. W. Morris & Sons Corp. are running fifty cows in yearly test with results that will bear comparison with the best that can be shown anywhere. In this remarkable herd are the following Champions:

Riverside Sadie De Kol Burke, who has records as follows:

Butter, 7 days	32.29
Butter, 30 days	130.14
Butter, 1 year	1,085.13
Butter, 2 years	2,065.30
Milk, 1 day	184.70
Milk, 7 days	920.80
Milk, 30 days	3,735.60
Milk, 6 months	18,275.80
(Average 100.4 lbs.)	
Milk, 1 year	28,826.80
Milk, 2 years	54,808.20

These are World's Milk Records for seven and thirty days, six months and two years.

Aralia De Kol at 12 years:

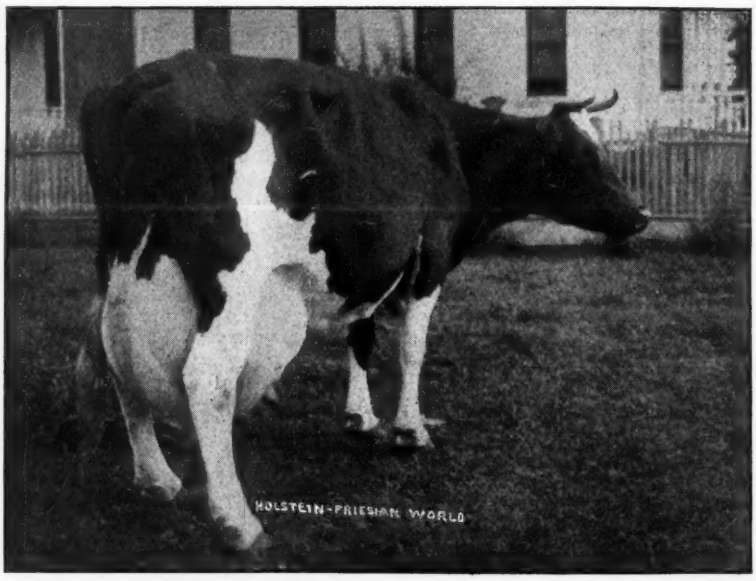
Butter, 7 days	30.14
Milk, 7 days	742.30

REPORT OF 8TH SEMI-ANNUAL LAKE MILLS SALE

HELD AT LAKE MILLS, WIS., OCT. 29, 1913.

CONSIGNED BY F. J. BRISTOL & SONS CO., OAKFIELD, WIS.

Animal. Buyer.	Price.
Pietertje Keyes De Kol 2d, 1 year, H. E. Reddelein, Oconomowoc	$190
Ruhamah Clothilde Burke, 2 yrs., N. P. Hanson, Audubon, Minn.	290
Uneeda Korndyke Czarine, 3 yrs., N. P. Hanson	290
Calf, N. P. Hanson	95
Uneeda Korndyke Beatrice 2d, 2 yrs., N. P. Hanson	235
Ruhumah Clothilde Segis, 2 yrs., W. F. Kaschube, Ripon, Wis.	270
Uneeda Korndyke Deborah, 2 yrs., W. F. Kaschube	250
Uneeda Korndyke Dusky, 2 yrs., W. F. Kaschube	255
Uneeda Korndyke Beatrice, 4 yrs., W. F. Kaschube	285
Uneeda Korndyke Daffy, 2 yrs., R. E. Haeger, Algonquin, Ill.	320
Uneeda Korndyke Agnes, 5 yrs., T. E. Getzelman, Hampshire, Ill.	500
Uneeda Korndyke Delma, 1 yr., Brown Bros., Hartford, S. Dak.	355
Uneeda Korndyke Dinah, 1 yr., Brown Bros.	275
Uneeda Korndyke Dessa, 2 yrs., Brown Bros.	260
Uneeda Korndyke Alice, 4 yrs., Brown Bros.	365
Johanna Galayx Korndyke, 4 yrs., Brown Bros.	255
Uneeda Korndyke Doris, 1 yr., Brown Bros.	255
Uneeda Korndyke Berlinda, 2 yrs., Brown Bros.	265
Clara Segis, 3 yrs., Brown Bros.	345
Wase Hengerveld De Kol 2d, 2 yrs., Ellingson Bros., Wausau, Wis.	220
Heifer calf, A. E. Tullege, Oakfield, Wis.	200
Uneeda Korndyke Beaulah, 4 yrs., A. E. Tullege	225
Uneeda Korndyke Blanche, 4 yrs., A. E. Tullege	205
King Colanthus De Kol Segis 2d, 11 m., W. J. Staab, Waukesha, Wis	155



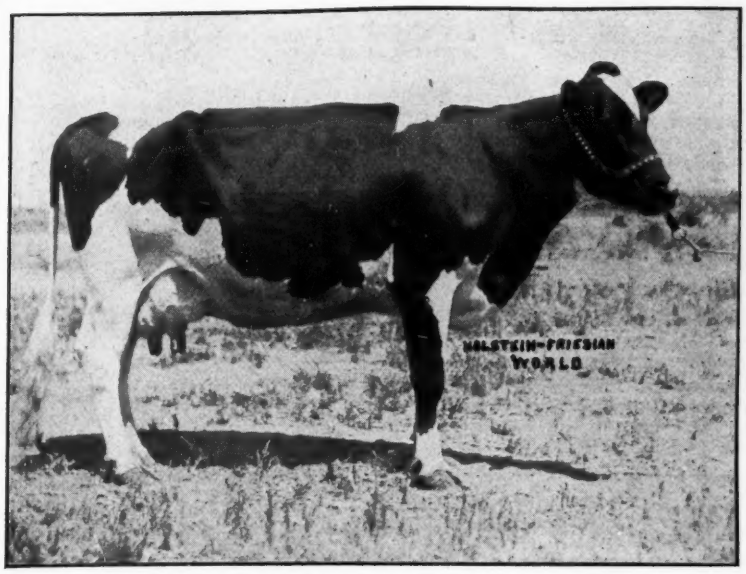
MAGGIE NEWMAN, No. 76512

Champion Milk Cow of the World. Owned by Chas Elderidge, Chimacum, Wash. Butter, 32.792, Milk, 868.2 lbs. in 7 days; Butter 131.192 lbs, Milk, 3555.6 lbs. in 30 days A daughter of Sir Inyo Mercedes and Netherland Fleta.

Korndyke Hengerveld De Kol 12th, 2 yrs., John Sexauer & Son, Belvidere, Illinois	155
Sub. Ferd Weiselman, Caledonia, Wis.	160
King Colanthus De Kol Segis, 3 yrs., Geo. Sayre & Ed. Felbel, Jefferson, Wis.	660
Uneeda Korndyke Daddy, 1 yr., A. D. Cornue, Hebron, Ill.	300
Uneeda Korndyke Antje, 4 yrs., S. H. Bird, South Byron, Wis.	180
Korndyke Hengerveld Artis 20th, 1 yr., H. G. Kahl, Mt. Horeb, Wis.	125
Uneeda Korndyke Bonanza 2d, 2 yrs., Archie Reid, Jr., Janesville	235
Uneeda Korndyke Daisy, 2 yrs., C. B. Rutherford, Lake Mills, Wis.	285
32 animals brought	$8,440
Average	271

CONSIGNED BY F. B. FARGO, LAKE MILLS, WIS.

Plush Friend Aaggie, 8 yrs., Brown, Bros., Hartford, S. D.	$205
Auke De Kol Veeman, 2 yrs., Brown Bros.	215
Denver Ormsby De Kol 2d, 2 yrs., Brown Bros.	215
Rosalind Veeman, 1 yr., Brown Bros.	155
Heikje Ormsby De Kol, 1 yr., Vinzenz Baebler, Monticello, Wis.	280
Sub. Vinzenz Baebler	180
Heikje Ormsby De Kol 2d, 1 yr., W. H. Jones, Mayville, Wis.	280



SADIE DE KOL ACME
A daughter of Riverside Sadie De Kol Burke. At 4 years—Butter 7 days 22.49, one year 885.91. Milk, one year 18.971.10. A winner of the five day butter contest at California State Fair, 1912. Owner, A. W. Morris & Sons, Woodland, Cal.

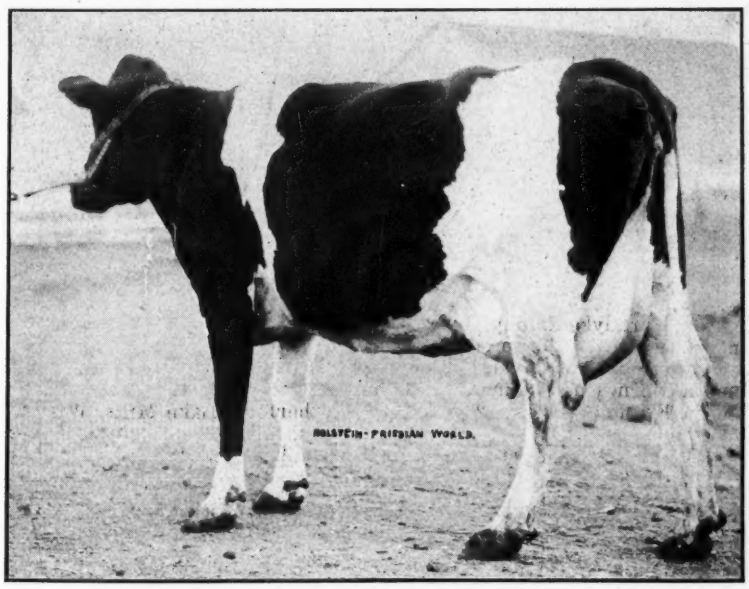
Tyranena Pontiac Cyclamen, 2 yrs., Harvest Farms Co., Mayville	280
Female, 1 yr., Harvest Farms Co.	200
Lady Reka Mooie 4th, 3 yrs., F. B. Fargo	385
Lady Reka Hartog, 11 mos., H. Royce, Tacoma, Wash.	255
Sir Aaggie Ormsby Hengerveld, 1 yr., E. J. Fargo, Lake Mills, Wis.	290
Female, 10 mos., Wm. Everson & Sons, Lake Mills, Wis.	250
Ivy Ormsby De Kol, 5 yrs., R. E. Haeger, Algonquin, Ill.	975
Heifer calf, 1 day, Dr. H. B. Favill, Chicago, Ill.	325
Tyranena Pontiac De Kol, 3 yrs., Ellingson Bros., Wausau, Wis.	210
16 head brought	$4,595
Average	287

CONSIGNED BY S. W. FAVILLE, LAKE MILLS, WIS.

Piebe Pride 4th, 6 yrs., W. H. Jones, Juneau, Wis.	315
Piebe Pride 5th, 2 yrs., Brown Bros., Hartford, S. D.	210
Sir Longfield Schultz, 1 yr., M. F. Peck, Marshall, Wis.	105
Queen Echo 2d's Canary, 6 yrs., H. A. Yates, Belvidere, Ill.	270

CONSIGNED BY M. E. HOFFMAN, BASSETT, WIS.

Three Spot Clothilde, 6 yrs., Aron F. Keuler, Helenville, Wis.	$170
Anna Clothilde Hengerveld, 2 yrs., H. Royce, Tacoma, Wash.	220



RIVERSIDE SADIE BURKE
A daughter of Riverside Sadie De Kol Burke. Butter 7 days 26.81, twenty-nine days 104.90. Milk 29 days 2,358.50. Owner, A. W. Morris & Sons, Woodland, Cal.

Butter, 30 days	122.30
Milk, 30 days	3,069.10

These are World's Records for a cow of her age.

The preceding year she produced 24.995 lbs. butter, 596.1 lbs. milk, 8 months after calving—a World's Record for milk and the second largest butter record. In 365 days in semi-official test she produced:

Butter	1,142.23
Milk	28,090.00

These are World's Records for age. She was the first cow of any age to produce over 28,000 lbs. milk in a year in semi-official test.

Tillie Alcartra is another wonderful producer. She has records at 3 yrs., 5 mos. of 23.15 lbs. butter, 613 lbs. milk; eight months after calving. 17.06 lbs. butter, 420 lbs. milk; 841.22 lbs. butter, 21,421.3 lbs. milk in semi-official yearly test. Until recently the year's records for both milk and butter stood at the head of her class, while the "eight months after calving" records both stood second.

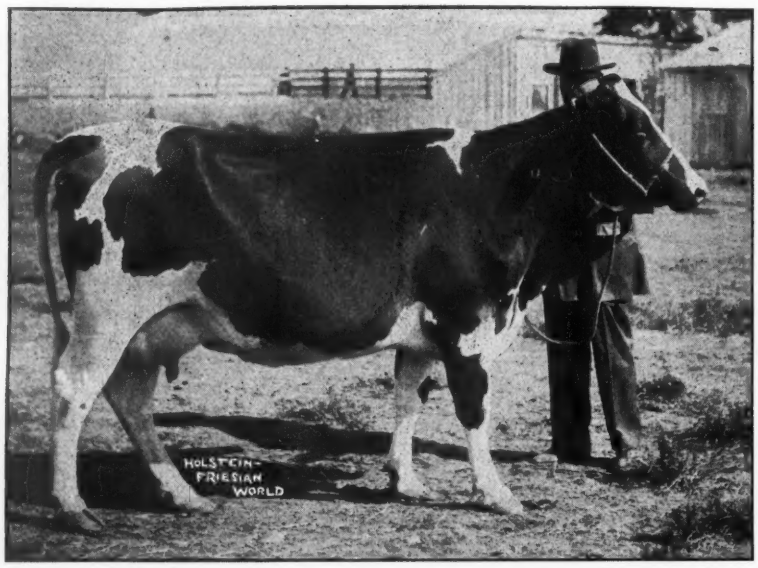
De Kol of Valley Mead 2d, a daughter of De Kol of Valley Mead (25.01 lbs.) and Juliana King of Riverside, a son of Juliana De Kol (22.6 lbs. at 2½ years) is the Champion senior three-year-old, producing 906.5 lbs. butter, 17,709.3 lbs. milk in a year. The butter record is the third largest ever made. Her eight months after calving record of 17.17 lbs. stands as a World's Record in her class.

A former World's Champion cow in this herd, is Juliana De Kol. As a senior two-year-old with first calf she produced 22.6 lbs. butter in seven days; 92.47 lbs. in 30 days; 175.6 lbs. in 60 days and 283.81 lbs. in 100 days. She has been twice Grand Champion at the California State Fair. Her son, Juliana King of Riverside, has likewise been a Grand Champion at the same exhibition, and is the sire of the World's Champion and the third best senior three-year-old in semi-official yearly test.

Lack of space forbids a more detailed mention of the great record cows in this herd. Suffice it to say that the cows now in test are measuring up to the standards already set. Ten members of the herd that have completed year's records average 878.32 lbs. butter, 20,676.3 lbs. milk six of the ten being three and four years old. No other herd has produced two cows each with year's records above 28,000 lbs. milk.

Another World's Champion is Margie Newman, owned by Charles Eldridge, Chimacum, Wash. Following are her records:

Milk, 1 day	136.50



MALDETA CANARY MERCEDES 147448

First prize Holstein-Friesian cow, 3 years old and under 4; also champion and grand champion at the Washington State Fair, Sept. 29 to Oct. 4, North Yakima, Wash. Owned by H. C. Davis, Granger, Wash.

Milk, 7 days 895.50
Milk, 30 days 3,555.10
Butter, 7 days 32.79
Butter, 30 days 131.19

The one day's milk record is the largest ever made, while the 7 and 30-day records are exceeded only by Riverside Sadie De Kol Burke (previously mentioned).

Following is a list of the 30-lb. cows tested on the Coast, and their owners:

Gerben Queen 36.35
Owner, A. C. Mills, Ferry, Wash.
Jessie Fobes Bessie Homestead 4 years 34.96
Owner, Munroe Co., Spokane, Wash.
Hazelwood Aaggie De Kol, 3 years 34.90
Owner, J. L. Smith, Spokane, Wash.
Bonnie Lass Pauline 33.79
Owner A. C. Mills, Ferry, Wash.
Chimacum Wayne Boon, 4½ years 33.69
Owner, Wm. Bishop, Chimacum, Wash.
Margie Newman 32.79
Owner, Chas. Eldrige, Chimacum, Wash.
Lilith Queen Pauline 32.47
Owner, F. S. Stimson, Hollywood, Wash.
Riverside Sadie De Kol Burke....32.29
Owner, Morris & Sons, Woodland, Cal.
Pietertje Floa Artis 32.19
Owner, F. S. Stimson, Hollywood, Wash.
Bracelet Baker of Hazelwood....31.67
Owner, A. C. Mills, Ferry, Wash.
Pet Salambo of Riverside 31.57
Owner, Morris & Sons, Woodland, Cal.
Jane Korndyke of Riverside 31.47
Owner, Morris & Sons, Woodland, Cal.
Jessie Fobes Sunnyside De Kol..30.51
Owner, Munroe Co., Spokane, Wash.
Aralia De Kol, 12 years 30.14
Owner, Morris & Sons, Woodland, Cal.

Keep your eye on the Coast. It is going to be heard from more and more as time goes on. The prime factors in the success of the western breeders seem to be that they are breeding for a definite type; are safe-guarding the health of their herds by giving the cattle plenty of fresh air and sunshine, and finally are surrounded by natural conditions favorable to the highest production.

In this issue the accomplishments on the Pacific coast are set forth. Read and grasp the full significance of this great progress if you can.

CONSIGNED BY JOHN HETTS, FT. ATKINSON, WIS.

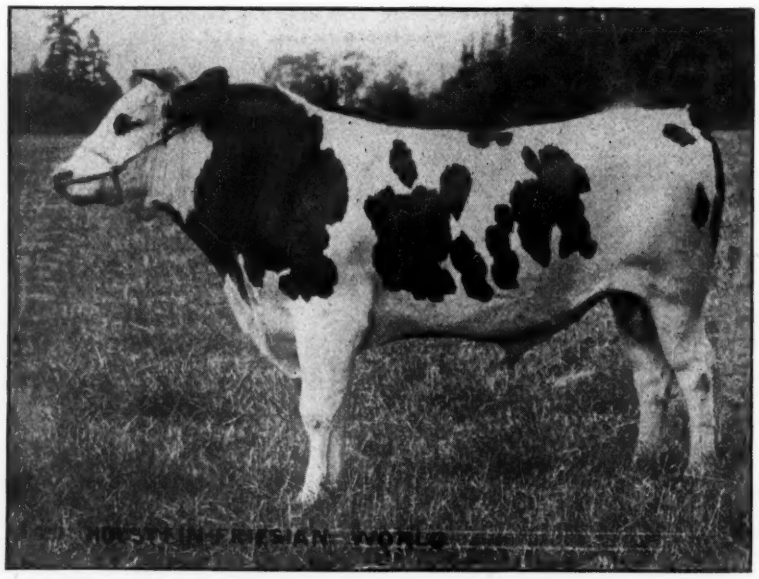
Nazli Johanna Pauline, 8 yrs., C. Schimming, Jefferson, Wis.	$245
Fobes Johanna Pauline, 3 yrs., John J. Kehl, Prairie du Sac, Wis.	175
Queen Model Fayne, 6 mos., E. W. Van Buren, Waukesha, Wis.	165
Mutual Boelyn Gem, 5 mos., Fred Gurr, Lake Mills, Wis.	160
Mutual Ringwood of Rock, 1 yr., Brown Bros., Martford, S. D.	240
Mutual Beechwood of Rock, 11 mos., Fred Turner, Hebron, Ill.,	155
Mutual Gerben Clothilde, 4 mos., Fred Turner	155
Inka Netherland Clothilde Ida, 8 yrs., Ellingson Bros., Wausau, Wis.	200
2 head brought	$1,495
Average	187

CONSIGNED BY MILAN DEMERIT, LAKE MILLS, WIS.

Maid Korndyke Johanna De Kol, 1 yr., A. D. Cornue, Hebron, Ill.	$100
Johanna Piebe Melchior De Kol 2d, 1 yr., N. P. Hanson, Audubon	140
Johanna Prilly Hengerveld, 1 yr., N. P. Hanson	230
Flora A. Mepham 2d, 8 yrs., Clyde Trenary, Platteville, Wis.	165
Johanna Inka Prilly Pet, 1 yr., H. Royce, Tacoma, Wash.	220

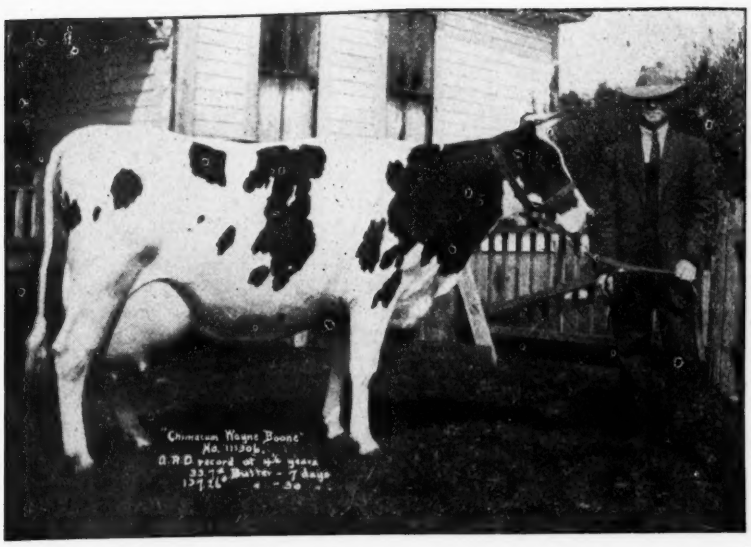
CONSIGNED BY WM. EVERSON & SONS, LAKE MILLS, WIS.

Molly Netherland of Edgetown, 2 yrs., John C. Howard, Russell, Wis.	$265



AAGGIE CORNUCOPIA NEWMAN, No 80744

A son of Margie Newman 76312. He was sold to the Colony Farm, (British Columbia Asylum) for $2,000. Wm. Bishop, Chimacum, Wash. has a son of this young bull and Chimacum Wayne Boon which is to head his herd.



CHIMACUM WAYNE BOONE, NO. 111306
Butter 33.72 lbs. in 7 days; 137.261 lbs. in 30 days. Bred by W D. Robens, Cold Brook, N. Y. A daughter of Sir Veeman Hengerveld. Owned by William Bishop, Chimacum, Wash.

Quoque Mooie Hamilton, 2 yrs., Harvest Farms Co., Mayville, Wis.	255
Helene Veeman of Edgetown, 2 yrs., N. P. Hanson; Audubon, Minn.	175
Nina Robbet 2d, 2 yrs., N. P. Hanson	205
Lenora Piebe of Edgetown, 1 yr., N. P. Hanson	225
Ava Colunthus 2d, 2 yrs., H. Royce, Tacoma, Wash	300
Coloma Johanna Nig, H. Royce	225
Norene Netherland, 5 yrs., H. A. Yates, Belvidere, Ill	315
8 head brought	$1,965
Average	246

CONSIGNED BY E. J. FARGO, LAKE MILLS, WIS.

Bright Jewel Tirania De Kol, 11 mos., N. P. Hanson, Audubon, Minn.	$155
Maid Beechwood De Kol, 10 mos., N. P. Hanson	125
Daisy Nephele De Kol, 11 mos., N. P. Hanson	135
Fred Alban De Kol, N. P. Hanson	135
Cora Alban De Kol, 9 mos., Everson-Demerit Co., Lake Mills, Wis	145
Ann Rouble Peck of Edgetown, 9 mos., Everson-Demerit Co	175
Annie Lowrie De Kol of Edgetown, 9 mos., Everson-Demerit Co	175
Julie Johanna De Kol, 8 mos., Everson-Demerit Co.	145
8 head brought	$1,190
Average	149

CONSIGNED BY C. B. RUTHERFORD, LAKE MILLS, WIS.

Queen Johanna De Kol Mechtilde, 6 yrs., Geo. Burmeister, Waukesha	135
Calf, S. H. Bird, South Byron, Wis	40
Piebe De Kol Clothilde 2d, 2 yrs., Brown Bros., Hartford, S. D	235
Zwen Hartog Butter Girl, 2 yrs., N. P. Hanson, Audubon, Minn	275

CONSIGNED BY H. J. GRELL, JOHNSON'S CREEK, WIS.

Quineilo Piebe Colantha De Kol, 2 yrs., N. P. Hanson, Audubon, Minn.	$150

CONSIGNED BY NATHAN E. GATZERT, LIBERTYVILLE, ILL.

Sir Ormsby Pontiac Korndyke, Male. 3 yrs., Milton Gatzert, Libertyville, Ill.	$1,100
Madrigal Josephine Gerben, 6 yrs., Wm. A. Parsons, Ft. Atkinson	290
Fernwood Mutual De Kol, 5 yrs., R. E. Reddelein, Oconomowoc, Wis.	355
Ella Vernon De Kol, 8 yrs., Vinzenz Baebler, Monticello, Wis	220
Belmont Belle Natsey Baker 2d, 5 yrs., Aron F. Keuler, Hellenville	225
L. V. Pet Ormsby Korndyke, 5 mos., Wm. Everson & Sons, Lake Mills	85
L. V. Korndyke Ormsby, 3 mos., Wm. Everson & Sons	50
L. V. Artis Pontiac Korndyke, Wm. Everson & Sons	80
Pearl Gerben De Kol Onyx, 4 yrs., Brown Bros., Hartford, S. Dak	145
L. V. Korndyke Beets De Kol, 5 mos., Brown Bros	210
Topsy Pauline De Kol, 10 yrs., Brown Bros	170
L. V. Ormsby Concordia Pontiac, 9 mos., Brown Bros	200
Miss Pietertje Clothilde, 9 yrs., Max A. Witte, Watertown, Wis	210
L. V. Pietertje Pontiac Clothilde, 9 mos., Everson-Demerit Co., Lake Mills, Wis.	210
14 head brought	$3,550
Average	253

A protein ration builds strong bone and muscle fibre. Exertion exhausts not the nitrogen of the food but the carbohydrates. Nitrogen builds muscle and carbohydrates put power into it.

Field Notes

The Prescott articles for the remainder of the year are as follows: Canadian Champions, Nov. 22; Billy Boelyn, Parana Abbekerk, Soldene, Pledge and Pleasant Valley Maid, Nov. 29; Color Fad, Dec. 6; De Kol 2nd, Dec. 13; Belle Korndyke, Dec. 20; Retrospect and Introspect, Dec. 27.

* * *

Charles Holston & Son of Topeka, Kas., send us word that their cow, Lyons Segis Cornucopia 177713 freshened at the age of one year, six months and fourteen days and gave 327.7 lbs. milk and 7.927 lbs. fat (we suppose during one week). Then, if we read correctly, she gave 49 lbs. milk in one day, while carrying a seven months calf. Certainly that is jogging along considerable for a heifer of that age. She is a daughter of Sir Segis Cornucopia and Hengerveld Lyons De Kol.

* * *

An exchange informs us that the Crescent Creamery Co. of St. Paul secured a verdict in the United States court for the recovery of the full amount of the taxes and penalties collected by the International Revenue office on the charge of selling butter containing more than 16 per cent of moisture. The verdict was rendered on the ground that the plaintiff was not engaged in the production of such "adulterated" butter as a business, that is the butter was not produced by a process, the natural effect of which would be to cause it to retain an abnormal amount of water.

* * *

Holstein-Friesian men will be interested to learn that several of the leading breeders of New York have decided to build a sale pavilion between Syracuse and Liverpool and that work has already commenced and is being pushed as rapidly as possible. It will be a two-story building, with room for feed storage, kitchen and dining room and capacity for 220 head of cattle. Everything will be done to insure the comfort of the animals, their attendants and the visitors at the sales. The site is near the Liverpool Railroad Depot, near the line of the trolly from Syracuse to Liverpool and the building will face the new concrete road running from Syracuse to Phoenix. The opening sale will be that of the Liverpool Sale and Pedigree Co. scheduled for Dec. 2d and 3rd and will be followed by others.

HOLSTEIN-FRIESIAN WORLD

WESTERN EDITION
A Bi-weekly Journal for the Holstein-Friesian Breeder, the Dairyman and General Farmer.

Entered as second class mail matter February 12, 1912, at the postoffice at Madison, Wisconsin, under the Act of March 3, 1879.

Published in connection with our Eastern, Bi-weekly Edition, entered at the Ithaca (N. Y.) Postoffice as second class mail matter, making the only weekly paper in the world devoted exclusively to the Black and Whites.

Issued on alternate Saturdays from Madison, Wis., and Ithaca, N. Y.

I. S. Brown, B. S. A., Editor Western Edition, 1025 Sherman Ave., Madison, Wis.

C. G. Brown, B. S., B. S. A., Publisher and Editor Eastern Edition, Ithaca, New York.

Assisted by a corps of able contributors.

Subscription price, One Dollar per year in advance.

This entitles the subscriber to receive both Western and Eastern Editions.

Personal checks will be accepted for sums not less than $1.00.

Payments of less than One Dollar may be made in one-cent or two-cent postage stamps.

The date following the address on the wrapper of each paper indicates the time to which subscription is paid.

When a subscriber wishes his subscription discontinued he should notify his nearest office.

Offices of publication, Madison, Wis., and Ithaca, N. Y.

Approved cuts of meritorious Holstein-Friesian animals, when furnished, will be published free of charge.

If Photographs are sent, cuts will be charged for at cost price.

All matter for publication must reach the editor by Tuesday of the week of publication to insure appearance in current issue.

Advertising rates sent on application.

Address your nearest office of publication.

Editorials

Meat Shortage. We read from an exchange that the meat packers have raised a fund of half a million dollars to "educate" the farmer to raise beef cattle and charge that the shortage of meat is due to the growth of the dairy industry. Judged by the endless train of thoughts to which the above statement gives rise, it is a stupendous one. Considering the age of the beef cattle industry in England, Europe and this country and considering that our great plains region from Texas to Montana have been the home of beef cattle from its earliest settlement and that their is no region on the face of the earth more suited to the beef cattle industry, isn't it a bit peculiar that at this day there should be talk of educating the farmer to raise beef cattle. And again, isn't it a bit peculiar that the increase of the dairy cow, herself a pretty good meat article, should be the cause of the shortage of meat. Our notion would be that perhaps it doesn't any longer pay to raise beef cattle considering that the commission merchants, packers and retail dealers secure for themselves the lion's share of the profits. Now the packers propose to to donate a mite of their great wealth to "educate" the farmers to continue this one-sided game of "heads I win, tails you lose." Indeed, a remarkable educational campaign. All we have got to say to the packers is that the dairy business does not propose to back up but will forge ahead as hard as ever and we suggest that they start plans now to change their packing houses into creameries and cheese factories if they want to continue in business.

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Testing for Production. It would be a very difficult task to determine the importance of the part which testing plays in the dairy industry of this country. It is no less than a certainty, that without the introduction of the Babcock tester and the advanced registry systems of the various dairy breeds, the pure-bred business of this country would be almost a negligible factor to-day. Instead, however, the remarkable development and immense productions of pure-bred animals holds the respectful attention of everybody and testing has done it. The scientific breeding has, of course, played its part but it has been directly dependent upon test records. Without them the scientific breeder would be greatly handicapped and his progress would necessarily be much slower. It is perfectly safe to say that without the line of tested ancestry to serve as guide posts, there would be no forty-pound cows to-day, perhaps no thirty-five pounds ones. We cannot help but wonder what price the five-year-old cow, Ivy Ormsby De Kol (19.39 lbs. at 4 years), sold in the Lake Mills Sale, would have brought had she had no record. We can well expect a 19-lb. four-year-old to make 25 lbs. at six or seven years old. Knowing her to be in good physical condition, her record forms a definite basis for determining her value. Take any cow of good breeding and put a 25-lb. record on her and you can count the increase in her value in hundreds of dollars.

Yet, in spite of all the evidence and argument that we could put forth to prove that the great success and prosperity of the pure-bred dairy industry of this country has been brought about by testing; in spite of all we could say concerning the immediate increase in value, which an A. R. O. record gives to an animal, we are certain that hundreds of animals with from twelve to thirty-pound capacity will go untested this winter. We are more certain that thousands of pure-bred and grade animals will be fed all winter without the farmer keeping any private records for determining the worth of the animal and possibly her right to a place in the herd. This lack of testing constitutes an annual loss of thousands of dollars. Let every breeder determine if he is losing money by not testing his cows and the way to find out is by testing. Testing is the power that keeps the dairy business under motion and the lack of it is the brake that retards the wheels of progress. Get off the brake and fire up.

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NEW ADVERTISEMENTS

Keystone Farm offers bull calves from large record dams and by the great, young sire, Prince Segis Korndyke, Jr. Write for description and prices.

For granddaughters of King of the Pontiacs, any age, from heifer calves to cows, write W. E. Bond, Potsdam, N. Y.

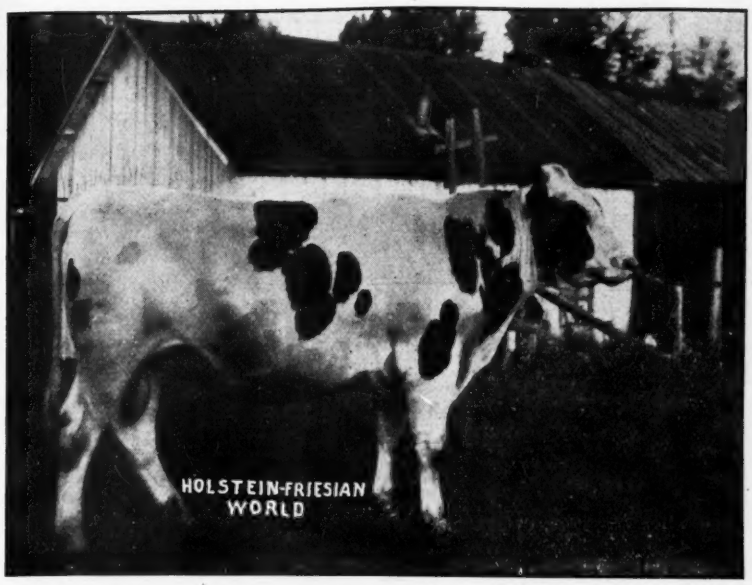
Seventy-five dollars will buy a son of Pontiac Aaggie Korndyke from a 25-lb. daughter of Friend Hengerveld De Kol Butter Boy, if taken soon. Write C. C. Fries & Son, Richland Center, Wis.

A bull calf out of a 22-lb. Jr. two-year-old cow and by a 26-lb. son of King of the Pontiacs, namely, King Pontiac Asia, is a well bred calf fit for any herd. Anybody who wants such a bull calf, address, M. F. Peck & Sons, Marshall, Wis.

Don't fail to send in your name for a catalog of the Annual Sale of Surplus Animals of the New York College of Agriculture to be held Feb. 13, 1914. Some most excellent bulls will be sold as can be seen from the ad. Address, H. H. Wing, Cornell University, Ithaca, N. Y.

The Dairymen's Guaranty Sale, 130 head, for Dec. 10 and 11, at the new sale pavilion. See the list of reputable contributers and some of the splendid offerings that will be made. Send for your catalog now to E. M. Hastings, Sale Manager, Lacona, New York.

See the ad. of Country Life Farm for an opportunity to get some great bred bull calves at the low price of $100. These calves are by a nearly 33-lb. sire. The dams of these calves



HAZELWOOD SIR ORMSBY 77572

Junior Champion at Chicago, 1912. Both he and his sire and grandsire were bred by John L. Smith, Spokane, Wash. A son of Hazelwood Ormsby Posch and Hazelwood Cinderella Butter Girl.

have records up to 25 pounds and are sired by sons of Pontiac Korndyke and Hengerveld De Kol. You are requested to write early if you want one of these bargains.

For a prize bull from a prize dam with a fine record of 558 lbs. butter in 320 days as a three-year-old and by a 25-lb. sire, address, Dr. M. W. Downing & Brother, Waukesha, Wis.

Reference to the breeding of ten head consigned to the Liverpool Sale and Pedigree Co.'s Sale for Dec. 2 and 3 can be obtained from the ad. of Marble Valley Stock Farm.

See the ad. of Maplecrest Farm for a list of the fourteen, largest, yearly record cows of the breed. Five of these were bred, reared and developed in Maplecrest Herd, the home of world's record animals. Address all correspondence to Dan Dimmick & Bro., Kalamazoo, Mich.

Now is the time to send for a catalog of the First Consignment Sale of the Liverpool Sale & Pedigree Company, to be held Dec. 2 and 3 in the new sale pavilion between Syracuse and Liverpool, N. Y. 160 head, all consigned by noted New York breeders, guarantees a grand sale. Send for catalog.

Send for the little booklet that tells about Spring Farm Pontiac 6th. It gives photos of himself, his noted dam and granddam and of his seven-eighths sister, the wonderful 44-lb. cow. Write Henry Stevens and Son, Brookside Stock Farm, Lacona, N. Y

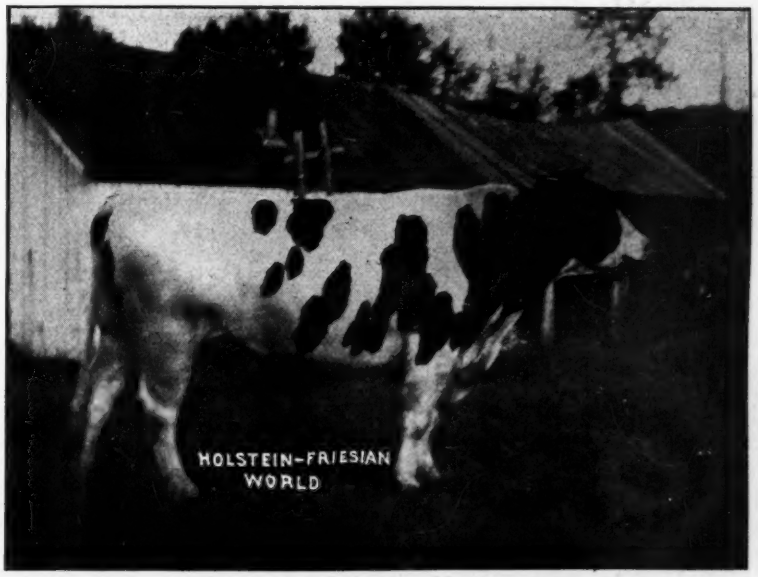
NEW HOLSTEIN-FRIESIAN BREEDER'S CLUBS

After the big consignment sale in Brockville, Ont. on October 21st, the prominent breeders from that part of Ontario gathered at the Revere House in the evening and a Holstein-Friesian Breeders' Club was formed to advance the interests of the Holstein-Friesian industry in the Brockville district. Short addresses were delivered by Prof. Barton of Macdonald College, President Rettie and Secretary Clemons of the Holstein-Friesian Association, and Mr. J. E. Smith, B. S. A., who helped to organize the Norfolk County Club. Mr. W. H. Smith, district representative of the Department of Agriculture for Leeds county was appointed temporary secretary until a permanent directorate is elected.

On October 25th, a similar gathering of breeders was held at Brantford which was attended by a large number of enthusiastic supporters of the Black-and-White. A strong organization was effected under the presidency of Mr. G. W. Clemons. The new club will be known as the Brant District Holstein-Friesian Breeders' Club, and Mr. N. P. Sager, St. George Ont. will act as Secretary.

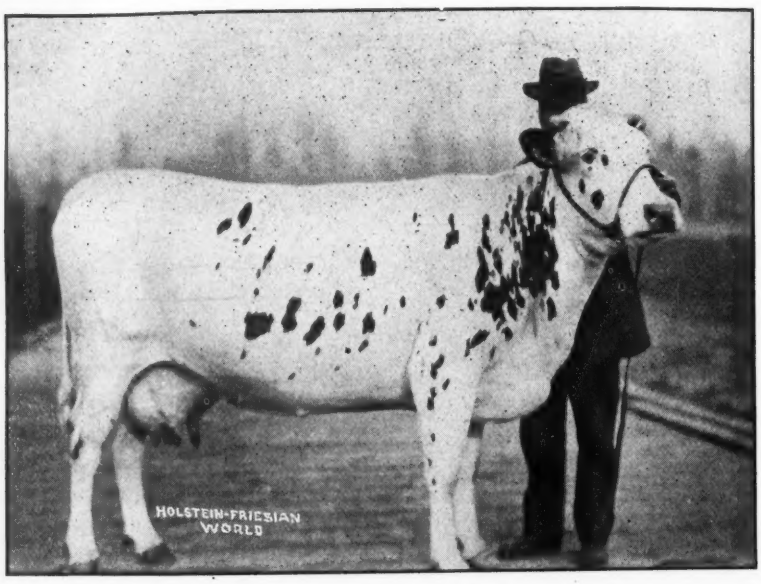
HOLSTEIN-FRIESIANS SELLING HIGH IN ENGLAND

In spite of the fact that they are few in numbers and that the quarantine laws prevent further importations from abroad—Holstein-Friesians are selling high in England. Their recent invasion of the land of the milking Shorthorn is gaining in strength. The Farmers Gazette reports the demand is great. It was hardly thought that all previous records would be so easily broken at the sale, on September 30th, by Messrs. John Thornton & Co., of a portion of the celebrated herd of A. & J. Brown, St. Albans, when the 87 head sold averaged £42 9s-, which is easily the record for this increasingly popular dairy breed. Frank P. Matthews, the auctioneer, started the bidding, which was brisk throughout, and the excitement was maintained to the last. Buyers from all countries, and from Scot-



HAZELWOOD ORMSBY POSCH 59042

Sire of both Junior Champions at Chicago, 1912. One of the greatest show bulls of the breed. A prize winner at many of the largest western exhibitions. Bred by John L. Smith, Spokane, Wash. A son of Ruby Sir De Kol Posch and Duchess Ormsby 2d's Queen.



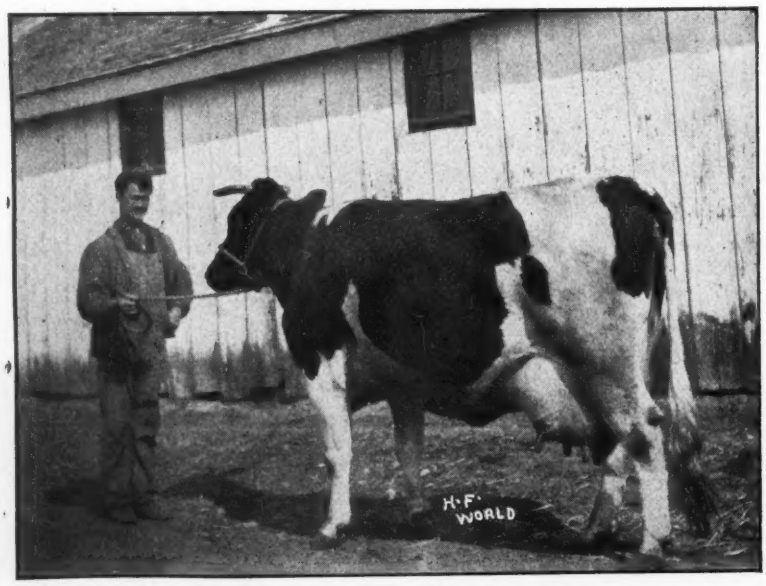
HAZELWOOD BRACELET DE KOL 106682
1st prize four-year-old at Chicago, 1912. 1st prize for best cow at Portland, Oregon, 1913. A half-sister to Hazelwood Aaggie De Kol. Butter at 4 years, 25.32 lbs. Milk, 80.80 lbs. Sold in public sale for $1325. Bred by John L. Smith, Spokane, Wash. A daughter of Pietertje De Kol Paul De Kol and Bracelet of Hazelwood.

land, Ireland and Wales, attended, a feature of the event being the number of animals purchased for Ireland. The three best prices paid were 100 guineas for the beautiful heifer, Hodges Colantha, which D. A. McLennan took to his Athronhall herd at Milnathort. With the sale of the first bull, however, Mr. McLennan's record was broken, as after a great struggle between Francis B. May, of Heybridge, and J. R. Furze, of Ongar, the former secured Hodges Bonnie Laddie for 115 guineas. The second bull offered reached 100 guineas before Lord Raleigh could claim him. The average for the 74 cows sold was £42 7s. 6d'; for the 13 bulls £42 17s. 9d, and for the 87 head comprising the whole £42 9s., the total receipts being £3,692 17s. (about $18,460.)

CANADIAN HOLSTEIN-FRIESIANS FOR NEW ZEALAND

Mr. Neil Sangster, Ormstown, Que., is sending by the November boat a shipment of about 30 Holstein-Friesian females to New Zealand. This lot consists of a capital lot of heifers in calf bought largely in Brant County, also a choice four year old cow from the show herd of Mr. A. E. Hulet, Norwich, Ont. She is a daughter of Madam Posch Pauline, a cow with a record of over 100 lbs. milk per day, and grand daughter of Madam Posch, champion cow at Toronto and Ottawa in 1912. Both the latter cows were sold at long prices to the Colony Farm of Coquitlam B. C.

In May last Mr. Sangster shipped a consignment of 27 head, including 19 bulls and 8 females to New Zealand. After a voyage of 86 days they arrived in good condition. These cattle are required to undergo 60 days' quarantine, and any which react to the tuberculin test are slaughtered.



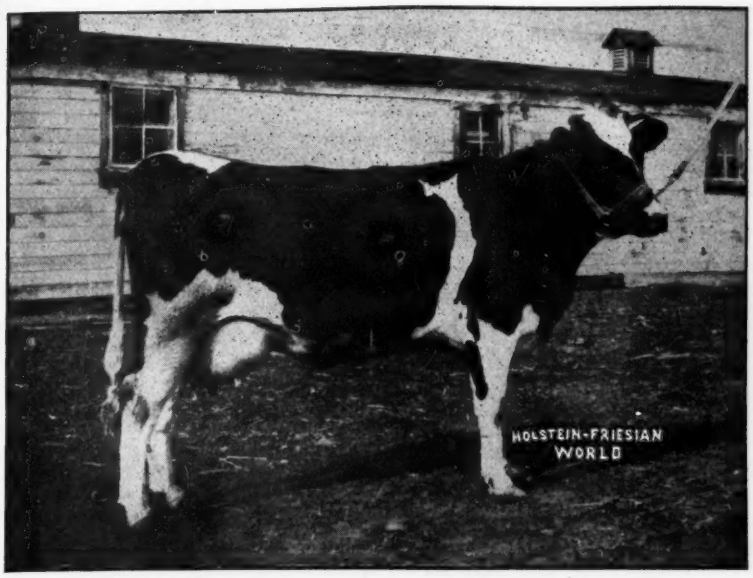
DUCHESS ORMSBY 2D'S QUEEN 48317
Dam of Hazelwood Ormsby Posch (owned by John L. Smith Spokane, Wash.) Butter 7 days, 22.995 lbs.; 30 days, 89.69 lbs. 2 A. R. O. daughters; Queen Ormsby, 28.36 in 7 days, 114.40 in 30 days, 730.10 lbs. butter in 365 days at 3 years. World's record when made.

THE EIGHTH NATIONAL DAIRY SHOW

By J. H. Murphy.

It is estimated that at the present time in the United States there are fourteen million cows that are not paying their way, and according to the W. E. Skinner, general manager of the National Dairy Show, one of its main purposes is to aid in the elimination of these unprofitable cows from the herds of the United States. Dairying receives the attention of a majority of the farmers of the country and, thereby, is it possible for it to be represented by an exhibition superior to that of any other branch of agriculture. In this, the management of the Eighth National Dairy Show succeeded exceptionally well. This year 651 head of pure bred dairy cattle, from the best herds in the United States, made an exhibit superior to anything that has ever before been staged. Of these 176 head were Holstein-Friesians, among them being several of the greatest show herds of the breed. Keen competition throughout the state fair circuits, and the excellence of previous exhibits had discouraged practically all breeders inclined to show inferior stock from appearing in the competition. Consequently the animals shown were all of superior individual merit, and competition throughout was very keen.

The program as carried out entitled the Show to a high place as an educational institution. Co-operation between the various branches of the dairy industry and a lack of any feeling of enmity on the part of its supporters were large factors in making this year's exposition so successful. Something like twenty-eight associations assembled in annual meetings, and the concerted action of the officers and members did much to pro-



HAZELWOOD INKA HARTOG 150770
Never defeated in the show ring in her class. Bred by John L. Smith, Spokane, Wash. A daughter of Princess Hartog Butter King and Inka Princess Pines.

mote the interests of this great show.

Acres of floor space in the vast pavilion were devoted to exhibits of every kind and type of labor-saving dairy machinery. These exhibits were particularly strong in machinery intended to promote cleanliness and efficiency in the handling of milk on the farm. The practicability of the milking machine, and its adaptability to herds of from twenty-five cows up was demonstrated beyond a doubt. The vast demand for certified milk brought out a number of bottle-filling and capping machines, that were extraordinary in the efficient work they accomplished.

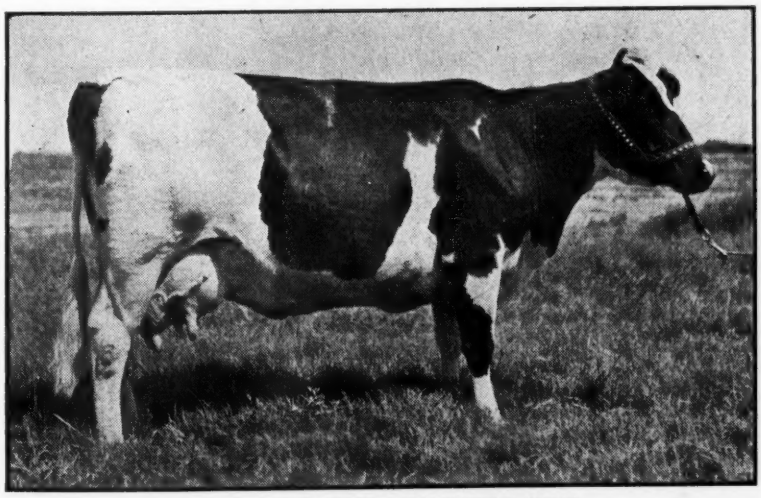
In no way could the value of grading up farm herds have been more clearly demonstrated, than by the small exhibit put on by the United States Department of Agriculture. A herd of nine ordinary scrub and grade farm cows, all of which had freshened during the past few weeks, were fed and milked during the ten days of the show, and the value of the feed they consumed, and the milk they produced was computed daily. A grade Holstein-Friesian seven-eighths pure, made a daily profit of fifty cents above the cost of feed throughout the Show, while the poorest cow in the herd, a scrub, was fed at a daily loss of eight cents. Visiting farmers declared after seeing these results that the most valuable addition they could make to their scrub herd, would be a good Holstein-Friesian bull.

Every disease as it is related to the dairy industry occupied an important place on the educational program. The close relationship between tuberculosis, as it exists in the dairy cow, and in the human was pointed out by Dr. Park, and his view that the only way to guard the health of humans, particularly babies, from this vast source of infection is to apply the tuberculin test frequently, and remove all infected animals, following this with a thorough disinfection. Cleanliness and disinfection of stables and utensils was heartily advocated, and it was shown that approved methods are in the end far more economical than the slipshod ones so often followed.

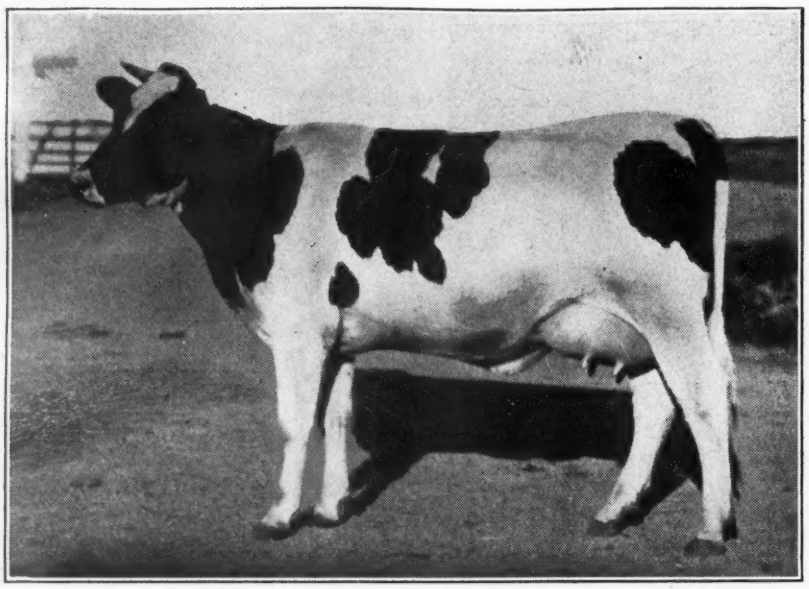
A stride forward in the management of the Dairy Show was made, when the directors and others interested, organized during the week what is to be known as the "Council of the National Dairy Show." It embodies the interest of every class including the producer, consumer and the manufacturer, and unless the National Dairy Show can in the future as in the past, promote the interests and welfare of all these branches of the industry, its policy and success must be one-sided, and not entirely satisfactory. Dr. H. B. Favill, noted Holstein-Friesian breeder of Lake Mills, Wis., was elected president of the council, F. J. Mc Nigh, vice-president, and W. E. Skinner, secretary and general manager.

While the four leading dairy breed associations had booths in one corner of the vast amphitheater, none were the center of greater interest, nor elicited more inquiries than that maintained by the American Holstein-Friesian Association. Judging from the vast amount of information sought concerning this great breed, it would seem, that it is still in the infancy of its expansion, and it is looked to by the farmer as the ideal type for him to grade up with, in order to make his high-priced land pay dividends.

Ward W. Stevens, the noted New York breeder, and famous because of his connection with the Stevens Bros. Co. of Liverpool, N. Y., who has developed and own a number of World's record and other individuals, representing the choicest families and breeding lines of the breed, judged the excellent showing of Holstein-Friesians, and throughout the two days of placing his decisions found popular favor with breeders at the ringside. He is an admirer of large symmetrical animals, and those of his choice combined ruggedness, size and other promise of developing into efficient dairy machines. In order to get animals that conformed to his ideal he was forced to retire a number of



AAGGIE ACME OF RIVERSIDE 93957
Butter 7 days 28.35 lbs., milk 585.1 lbs. Owner, A. W. Morris & Sons, Woodland, Cal.



DE KOL OF VALLEY MEAD 3D 163012
At 2½ years—19.02 lbs. butter, 534.1 lbs. milk. She has twice been awarded first prize at the California State Fair and her sire and dam have each taken grand championship. She is full sister to De Kol of Valley Mead 2d. Owner, A. W. Morris & Sons, Woodland, Cal.

competitors that were noted winners on the state fair circuits, and which had considerable individual merit.

Although several eastern exhibitors who in previous years have been strong contenders for championship honors did not show this year, the quality of the exhibit could not be said to have in any way depreciated One breeder expressed the view that as time goes on the breed is improving in quality and many of the undesirable features are disappearing. The cattle shown were remearkably smooth, with good straight rumps, large, well-placed udders and a general symmetry of body. While those who are in a position to know, say that the refined dairy types are splendid for good dairymen and cattle fanciers, the Holstein-Friesian is rapidly gaining in popularity among that class of farmers who aim only to grade up their herds in order to more completely supply the wholesale milk market, and increase the profits and production from an ordinary "scrub" herd. Perhaps no one breed on this continent is better suited to that purpose than the Holstein-Friesian.

R. E. Haeger of Algonquin, Ill., took senior and grand championship on his aged bull, Paul Calamo Korndyke, which while not as large as a bull shown by J. C. Copestake of Ames, Ia., was a very neatly turned individual, combining great constitution with exceptional quality, and other prerequisites of a great dairy sire. Mr. Haeger also won the grand championship on his four-year-old cow Crescent Beauty Butter Maid, an animal while not as neatly turned as we sometimes like to see, was a very good individual. Following is a list of the exhibitors and the prize winners in each class.

The exhibitors: G. M. Carpenter, Wilkes-Barre, Pa.; Geo. J. C. Copestake, Ames, Iowa; Dr. M. W. Downing & Bro., Waukesha, Wis.; M. R. Evans, Hinckley, Ill.; Wm. Everson & Sons, Lake Mills, Wis.; R. E. Haeger, Algonquin, Ill.; Iowana Farms, Davenport, Iowa; E. C. Schroeder, Moorehead, Minn.; Traverse City State Hospital, Traverse City, Mich.; Frank White & Son, Woodstock, Ill.; R. B. Young, Buffalo Center, Iowa.

The aawrds: are

Bull 3 Years or Over—1st Haeger on Paul Calamo Korndyke; 2nd Iowana Farms on Ollie Johanna Sir Fayne; 3rd White & Son on Groveland Inka Hylaard; 4th Haeger on Sir Spofford Beets; 5th Everson & Sons on Duke Johanna De Kol Mechthilde; 6th White on Cornucopia Pontiac Johanna Lad.

Bull 2 Years and Under 3—1st Schroeder on Sir Korndyke Heng. De Kol; 2nd Iowana Farms on Oak De Kol Ollie Homestead; 3rd Haeger on Harvest Cornucopia Beets; 4th Traverse City State Hospital on Admiral Walker Colantha; 5th Downing & Bro. on Brookvale Ormsby Wartena; 6th Carpenter on Penn Pontiac Korndyke.

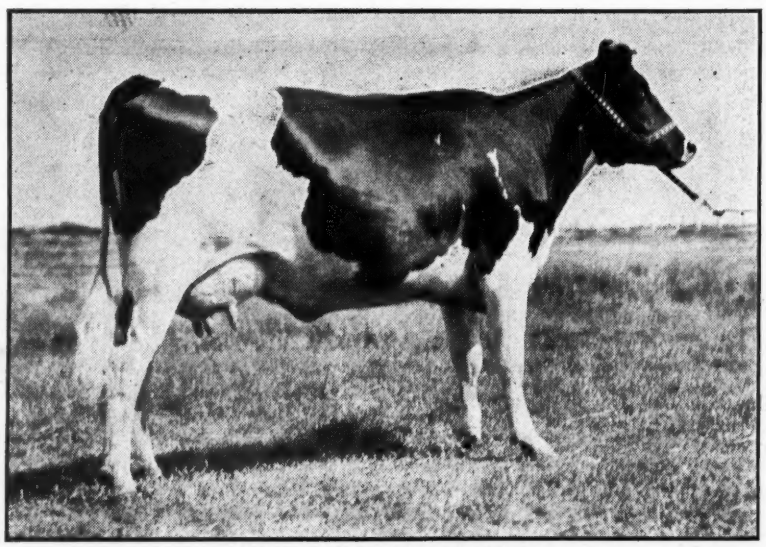
Bull 1 Year and Under 2—1st Carpenter on Winkje Hengerveld Boy; 2nd Downing & Bro. on Downing Pontiac Butterman; 3rd Haeger on Paul Pontiac Beets; 4th Carpenter on Dijkstra Amleto Hengerveld; 5th Young on Buffalo Pieter Doede; 6th Everson & Sons on Lady Reka Mooie Son.

Bull Calf 6 Month and Under 12—1st Haeger on King Bessie of Rock; 2d Iowana Farms on Iowana Sir Ollie; 3rd Everson & Sons on King Pontiac Witkop Geneora; 4th Schroeder on Sir Korndyke Fytje; 5th Haeger on Duke Johanna Beets; 6th Traverse City Hospital on Traverse Belle Buckeye Lad.

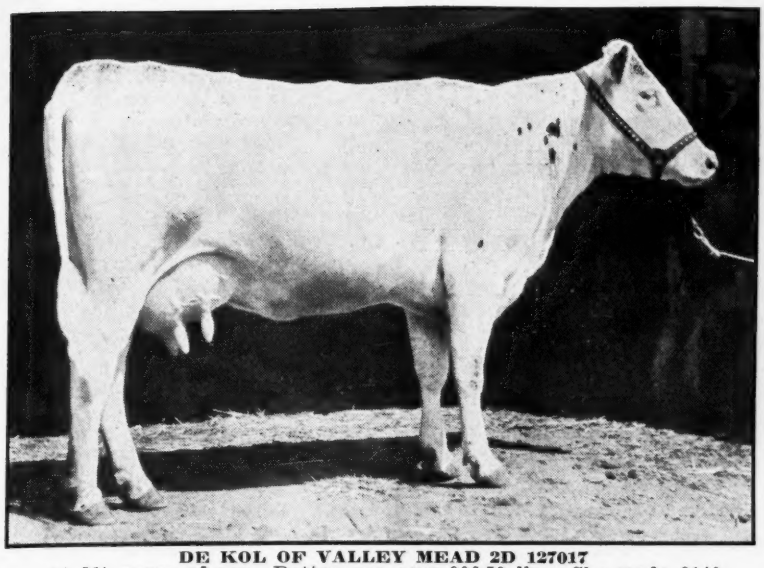
Bull Calf Under 6 Month— 1st Carpenter on Klaasje Netherland Boy; 2d Young on Buffalo Le Roy Doede; 3rd Traverse City Hospital on Traverse Pontiac Boy; 4th Iowana Farms on Iowana Oak De Kol; 5th Iowana Farms on Iowana Fobes Fayne; 6th Copestake on Count Artis Korndyke.

Cows 5 Years or Over—1st Haeger on Aconeth Lady; 2nd Everson & Sons on Lady Reka Mooie; 3rd White & Sons on Crown Hill Piebe; 4th Haeger on Nancy Spofford; 5th Evans on Mechthilde Daisy Longfield; 6th Traverse City Hospital on Belle of Traverse.

Cow 4 Years and Under 5—1st Haeger on Crescent Beauty Butter Maid; 2nd Carpenter on Tromp Hen-



ARALIA DE KOL 3D 164130
At 2 years of age—Butter 7 days 17.63, milk 457.6. She is a daughter of Aralia De Kol and Juliana King of Riverside, and is sister to the two highest-record three-year-olds, Queen Juliana Dirkje and De Kol of Valley Mead 2d. Owner, A. W. Morris & Sons, Woodland, Cal.



DE KOL OF VALLEY MEAD 2D 127017
At 3½ years of age—Butter one year 906.50 lbs. She made $140 net profit during the year not including a very valuable calf. Owner, A. W. Morris & Sons, Woodland, Cal.

gerveld; 3rd Traverse City Hospital on Traverse Laundry Lass; 4th Haeger; 5th Iowana Farms on Aderondac Ola Korndyke; 5th Downing & Bro. on Vashti Korndyke.

Cow 3 Years and Under 4—1st White & Son on Groveland Korndyke Cornucopia; 2nd Haeger on Evelina Calamo Korndyke; 3rd Carpenter on Klaasje Hengerveld De Kol; 4th Schroeder on Spring Brook Bess Burke 2d; 5th Haeger on Daisy Korndyke Clothilde; 6th White & Son on Polk Verbena Netherland.

Heifer 2 Years and Under 3—1st Iowana Farms on Fryslan Waldorf; 2d White & Son on Beauty De Kol De Vries 2d; 3rd Traverse City Hospital on Traverse Zwelle Pontiac; 4th Carpenter on Johanna Hengerveld Mechthilde; 5th Schroeder on Queen Piebe Mercedes; 6th Haeger on Segis Beets Burk.

Heifer 18 Months and Under 2 Years—1st Schroeder on Buffalo Maid 2d; 2d White & Son on Groveland Inka Netherland; 3d Haeger on Kekke Woodcrest Cornucopia; 4th Schroeder on Burke Spring Brook Ormsby; 5th Schroeder on Bess Mercedes Ormsby; 6th Traverse City Hospital on Traverse Mercena Rag Apple.

Heifer 1 Year and Under 18 Months—1st Haeger on Lily Netherland Hengerveld; 2d Schroeder on Burke Mercedes Ormsby; 3rd Iowana Farms on Iowana Colantha Lady; 4th Schroeder on Lulu Piet Ormsby; 5th White & Son on Groveland Spofford Hylaard; 6th Iowana Farms on Iowana Colantha Lacky.

Heifer 6 Month and Under 12—1st Haeger on Snowflake Pontiac Beets; 2nd Carpenter on Arlep Clothilde 6th; 3d Iowana Farms on Iowana Jewel Lady Wayne; 4th Schroeder on Elgin Belle Pietertje; 5th Downing and Brother on Downing Pontiac Dairy Maid; 6th Schroeder on Queen Mercedes Ormsby.

Heifer Calf Under 6 Months—1st Haeger on Helen Pontiac Beets; 2d Carpenter on Klaasje De Kol Hengerveld; 3rd Traverse City Hospital on Traverse Little Bess Lyons; 4th Haeger on Joy Burke Hengerveld; 5th Copestake on Miss Pontiac Korndyke; 6th Iowana Farms on Iowana Countess Jessie.

Exhibitor's Herd—1st and 6th Haeger; 2d Schroeder; 3rd White & Son; 4th Iowana Farms; 5th Carpenter.

Breeder's Young Herd—1st Haeger; 2d Schoeder; 3rd Carpenter; 4th White & Son; 5th Downing & Bro.; 6th Traverse City Hospital.

Breeder's Calf Herd—1st Haeger; 2d Carpenter; 3rd Downing & Bro.; 4th Schroeder; 5th Traverse City Hospital; 6th Copestake.

Get of Sire—1st Schroeder on get of Sir Pietertje Ormsby Mercedes; 2d Haeger on get of Oakland Paul Beets Burke; 3rd Carpenter on get of Hengerveld De Kol 3d; 4th White & Son on get of Groveland Inka Hylaard; 5th Copestake on get of Sir Pontiac Artis Korndyke.

Produce of Cow—1st Haeger on produce of Pontiac Helen; 2d Iowana Farms on produce of Ollie Watson Prima Donna; 3rd Schroeder on produce of Spring Brook Burke; 4th White & Son on produce of Lady Ona Hylaard; 5th Carpenter on produce of Klaasje Clothilde 6th; 6th Evans on Mechthilde Daisy Checker.

Advance Registry Cow and Two of Her Progeny—1st White & Son; 2d Schroeder; 3rd Everson & Sons; 4th Carpenter; 5th Evans; 6th Traverse City Hospital.

Dairy Herd—1st Haeger; 2d White & Son; 3rd Schroeder; 4th Iowana Farms; 5th Carpenter; 5th Traverse City.

Senior Champion Bull—Haeger on Paul Calamo Korndyke.

Junior Champion Bull—Carpenter on Klaasje Netherland Boy.

Senior Champion Cow—Haeger on Crescent Beauty Butter Maid.

Junior Champion Cow—Schroeder on Buffalo Maid 2d.

Grand Champion Bull—Haeger on Paul Calamo Korndyke.

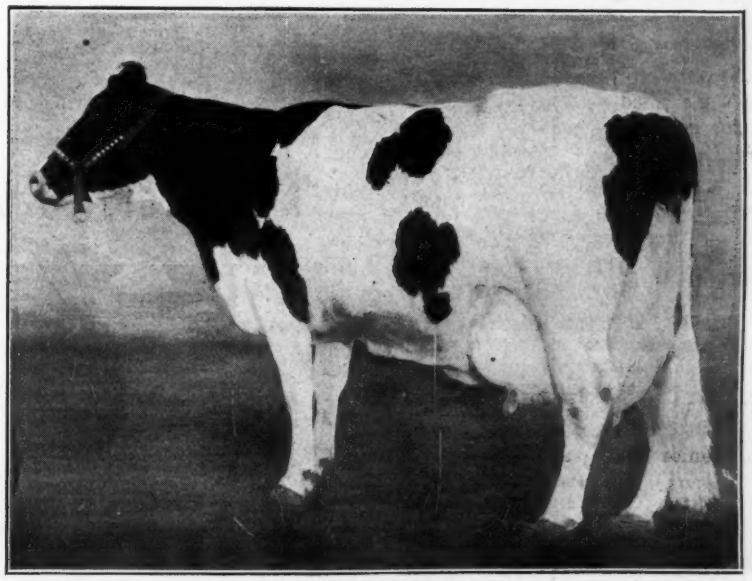
Grand Champion Cow—Haeger on Cresecent Beauty Butter Maid.

Breeders' Bulletin Board

FIRST SALE IN NEW PAVILION

Editor H.-F. World:

The First Consignment Sale of the Liverpool Sale & Pedigree Company will be held Dec. 2d and 3d as your advertising columns state. At this writing nearly all of the entries have been received and altho we have not had time as yet to run out the breeding of all, we know from the names



ARALIA DE KOL 55194
Butter 7 days, 30.14, thirty days 122.30, one year 1,142.32. Milk 7 days 742.4, thirty days 3,069, one year 28,000. The first cow in the world to produce 28,000 lbs. milk in a yr. on semi-official test and the first to exceed the milk record of Colantha 4th's Johanna. She produced 25 lbs. butter eight months after calving (second largest record in that class). In the last week of her year's test, she produced 71 lbs. milk a day and made 21.4 lbs. butter. Owner, A. W. Morris & Sons, Woodland, Cal.

Wor d's Fourteen Largest Yearly Record Holstein-Friesian Cows

Length of Record 365 Days

Name of Cow.	Name of Breeder.	Name of Owner.	Lbs. Fat.	Lbs. Butter 80% Fat.
Banostine Belle De Kol	Dan Dimmick	Dan Dimmick & Bro.	1,058.34	1,322.9
Pontiac Clothilde De Kol 2d	E. Mich. Asylum	Stevens Bros. Co.	1,017.28	1,271.6
High-Lawn Hartog De Kol	Dan Dimmick	Dan Dimmick & Bro.	998.34	1,247.9
Colantha 4th's Johanna	W. J. Gillett	W. J. Gillett	998.26	1,247.8
Pontiac Jewel	E. Mich. Asylum	Stevens Bros. Co.	993.69	1,242.1
Daisy Grace De Kol	Dan Dimmick	Dan Dimmick & Bro.	962.80	1,203.5
Creamelle Vale	W. A. Matteson	F. F. Field Holstein Co.	924.68	1,155.8
Aralia De Kol	M. D. E. Sherman	A. W. Morris & Son, Cor.	913.86	1,142.3
Caroline Paul Parthenea	Henry Schaefer	R. J. Schaefer	888.11	1,110.1
Maple Crest Pontiac Girl	Dan Dimmick	Dan Dimmick & Bro.	887.53	1,109.4
Belle Netherland Johanna	A. A. Cortelyou	C. L. Roberts	883.07	1,103.8
Woodcrest Meta Ver D. K.	A. A. Cortelyou	J. W. Dimick	880.24	1,100.3
Lundy Korndyke	Don J. Wood	J. J. Larabee	872.73	1,090.9
Spotted Ann Daughter	Dan Dimmick	Dan Dimmick & Bro.	871.00	1,088.7

We bred, reared and developed five of fourteen greatest yearly record Holstein-Friesian cows the world has ever produced.

No other breeder has bred, reared and developed more than one. Two other breeders each bred two, but aside from that one is all any other breeder has bred.

MAPLECREST FARM

DAN DIMMICK & BRO., Proprietors

OFFICE at **Kalamazoo, Mich.**

Telephone connection between Farms and office

FARMS at **E. Claridon, O.**

Kindly address all correspondence to Kalamazoo, Mich.

of the sires and dams that breeding considered they will be distinctly above the average of the animals sold in the big consignment sales, and, from the consignments already inspected, this will hold true in regard to individuality. In the next Western edition of the Holstein-Friesian World we hope to give more information regarding the breeding. Messrs. Mead sent in their entries first, and have consigned animals closely related to Pontiac Korndyke, and his 37.68 lb. daughter, Pontiac Pet. Several of these have been bred to a son of the 33-lb. cow, Inka Princess Mutual De Kol. Mr. Horstman and Mr. Berning have entered a number of daughters of King of the Pontiacs 4th, and granddaughters of King of the Pontiacs always attract the attention of the bidders at the ringside. Wm. E. Slater has consigned daughters of Albina Butter Boy, a son of De Kol 2d's Butter Boy 3d and the 29.7.lb. four-year-old, Jannek Albina De Kol 3d, a daughter of Korndyke Queen De Kol's Prince, and one of the best individuals of the entire breed.

Mr. Jacob Brill sends the first bunch heever consigned to a public sale. They are strong in the blood of Lord Netherland De Kol and the females are bred to Artis Pontiac Wianna, a son of King Pontiac Artis and Brookside Pietertje Winana, thus bred in the purple.

E. C. Brill's consignment is, of course, strong in Lord Netherland De Kol blood. Several are bred to King Segis Champion, whose dam made over 36 lbs. butter in seven days. W. D. Robens has sent the names of some splendidly bred stock, related to that wonderful sire Sir Veeman Hengerveld, who has three four-year-old daughters with records from 30 to 33.59 lbs.

We want to see as many of the readers of the World as can come to the opening sale in the New Sale Pavilion now being erected. This Pavilion will fill a long felt want, and is conveniently located, has first rate shipping facilities, and is readily accessible from Syracuse. We want all visitors to feel welcome, whether they come to buy or not.

LIVERPOOL SALE & PEDIGREE CO.
By G. H. Truckell.

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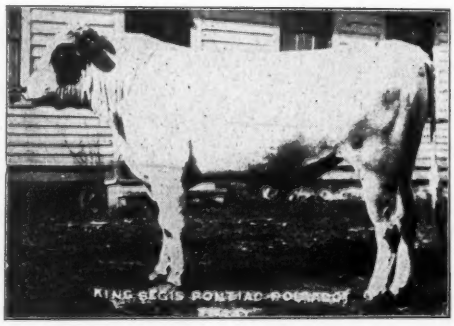
TRANSFERS IN WISCONSIN

Even to those who are familiar with the steady progress which has been made in Wisconsin's dairying

KING SEGIS PONTIAC POLKADOT, 75347



A Bull of $10,000 Quality

King Segis Pontiac Polkadot 75347, a full brother in blood to King Segis Pontiac Alcartra 79602, who sold at the Breeders Consignment Sale at Syracuse, N. Y., in June, 1910, for $10,000 the highest price ever paid for a Holstein-Friesian bull at public auction, stands at the head of the Uneeda Korndyke herd of Holstein-Friesian cattle. Young bulls nearly ready for service from cows of the choicest of breeding now offered for sale. Write for pedigrees and prices.

Uneeda Korndyke Herd

F. J. Bristol & Sons Co. Oakfield, Wis.

The Dairymen's Guaranty Sale.

TWO DAYS---December 10 and 11. 1913. Entries now close to 130 head

THE CONTRIBUTORS:

E. H. Dollar, Heuvelton, N. Y.
J. W. Prentiss & Son, Alstead, N. H.
H. G. Beyer, Jr., Portland, Me.
J. H. Phelps & Son, Vernon, N. Y.
Twin Elms Farm, E. Aurora, N. Y.
W. C. Hunt, Fayetteville, N. Y.
F. W. Ames, Morristown, N. Y.
Brown Brothers, Canton, N. Y.
F. W. Simonds & Son, Darien Center, N. Y.
J. H. Steen, Kyserike, N. Y.
I. H. & J. W. Lee, New Woodstock and Cazenovia, New York.
D. N. Safford, Jeffersonville, Vt.

THE CATTLE, all physically unblemished, individually superior, tuberculin-tested and guaranteed for 60 days, comprise the best available selections from the herds represented, and include—

Cows with large records in official 7-day and semi-official year's tests.

DAUGHTERS OF—

Pontiac Korndyke
De Kol 2d's Butter Boy 3d
Witkop De Kol Korndyke Wayne
Woodcrest Pietje
De Kol Creamelle Pontiac Butter Boy
Homestead Masterpiece Gem
Rag Apple Korndyke 8th (the 38-lb. sire)
Pearl of the Dairy's Joe De Kol
Hengerveld De Kol Segis
Pietertje Hengerveld Segis (the 33-lb. sire)
King Pontiac Chief
King Pontiac Jewel

W. C. HUNT'S CONSIGNMENT includes a daughter of King Pontiac Jewel bred to the 33-lb. sire, Pietertje Hengerveld Segis; cows bred to King Pontiac Jewel (by King of the Pontiacs and from one of the best 30-lb. daughters of Hengerveld De Kol), also a son and daughter of King Hengerveld Segis 5th (by King Hengerveld Segis and from a 29-lb. daughter of Aaggie Cornucopia Johanna Lad.)

J. H. PHELPS & SON'S CONSIGNMENT is representative of the character of the sale. This consignment includes daughters of cows with records of 27 lbs., 26 lbs., 24 lbs. and others with records of 20 to 22 lbs.

H. G. BEYER, JR. puts in a 26.7-lb. cow with a year's butter record of close to 850 pounds, due in March by Johanna King Segis (son of the 40-lb. cow, Johanna De Kol Van Beers.) This cow weighs 1,650 lbs. and is a candidate for World's Honors in future tests.

A sister to the preceding, now in test.

A 17-pound junior two-year-old daughter of De Kol Creamelle Pontiac Butter Boy. She made her record without beets or ensilage, and milked as high as 62 lbs. a day.

Eleven other good ones. Three of the Beyer consignment are in calf by the 40-lb. bull, Johanna King Segis.

PRENTISS & Son, as always, are making a fine showing in their consignment, which includes daughters of Woodcrest Pietje and the 33-lb. sire, Pietertje Hengerveld Segis, and granddaughters of King of the Pontiacs and Paul Beets De Kol.

E. H. DOLLAR has picked out for this sale the best his herd affords—that is to say, daughters of Pontiac Korndyke and also of the 38-lb. sire, Rag Apple Korndyke 8th. Mr. Dollar never does things by halves. His offerings alone will merit coming a long distance to buy.

FRANK W. AMES consigns several daughters of his 28-lb. herd sire, Witkop De Kol Korndyke Wayne, from dams with excellent records, also a daughter of the 38-lb. sire, Sir Johanna Lady Korndyke.

The offerings of Simonds & Son, J. H. Steen, I. H. & J. W. Lee, and D. N. Spofford are all worthy of special mention, but space forbids.

THE TWIN ELMS FARM HERD, which is dispersed in its entirety, is good enough to constitute a sale alone. Every cow of milking age in this herd with a single exception, has an A. R. O. record, and the members of the herd are beautiful individuals. The herd header, King Pontiac Chief, a son of King of the Pontiacs, will be included in the sale.

THE PLACE OF THE SALE will be the new Holstein Sale Pavilion on Liverpool trolley line.

THE TIME—December 10 and 11.

THE CATALOG is yours for the asking (when ready) if you mention the H.-F. World and state whether or not you expect to attend the sale.

E. M. HASTINGS, Sale Manager LACONA, N. Y.

industry, the regular reports of the secretaries of the various dairy cattle breeders' associations are not only pleasing, but sometimes surprising as well. Week by week and month by month these men report the purchase of an increasing number of bred-for-production animals by Wisconsin farmers. In the larger proportion of instances, these breeding animals are used to establish herds of milk and butter-fat producers, or to recruit herds already established. The tremendous increase in the dairy cattle population of the state and the constant effort made to increase the production of the herds, is a source of great encouragement to those who are interested in the development of this important industry in the Badger State.

F. L. Houghton, secretary of the Holstein-Friesian Association of America, reports the transfers during the week ending November 1, of 149 purebred and registered Holstein-Friesians to 108 different farmers and dairymen living in 41 different counties of the state.

BREWERS' GRAINS

In the process of malting, the barley grains are first steeped in large cisterns until soft and then placed in a thick layer on frames for sprouting. Lastly the grains are kiln-dried and the sprouts removed by sieves when we have the malt sprouts and the malt. In the final manufacture of beer, the soluble portion, sugar and dextrin, are extracted from the malt and the remaining by-product is known as brewers' wet grains. Immense quantities of this by-product are made at all breweries.

Due to improper handling of brewers' wet grains, such as over feeding and allowing uneaten portions to remain and soak through loose-jointed feed boxes beneath the stable floors where in summer it becomes putrefactive has given rise to some prejudice against this feed in the cow stable. However, when fed judiciously in conjunction with hay and other coarse fodder it is a very good feed for milk production and one that is comparatively cheap where available. A good rule to follow is to have not more than one-third of the dry matter of the ration composed of the wet grains. Preserved in a silo the brewers' wet grains make a good substitute for silage and roots.

The dried grains are of a very chaffy consistency and there is some difference of opinion as to their palatability, though they are generally considered a good feed for dairy cows. Though a considerable amount of the protein goes into the malt sprouts, the brewers' dried grains contain 20 per cent protein against 23 per cent for the sprouts. The malt sprouts are quite unpalatable and must be soaked before feeding. The dried grains, also, are improved by soaking.

Pigs fed bone meal or hard-wood ashes require less corn for fattening.

A calf cannot be maintained indefinitely on skim milk alone.

Cows can be maintained during the winter on a daily ration of three quarts of corn meal and a little water with no other feed. Corn is the only single grain ration upon which animals can be maintained in good condition. It is likewise the most palatable of the grains.

GETTING MORE MILK BY MUSIC

Down, up; down, up—two beats to the measure—will be the milking time on the dairy farm of the John Wildi Evaporated Milk Co., Marysville, Ohio, if a contemplated project is carried into effect. Milk experts there, it is reported, will test out the recently advanced theory that a musical accompaniment to the evening milking will induce the cow to be a little more generous with her lacteal output. It will be a bona fide test, and is a part of the company's campaign to increase the milk production through Union and the adjoining counties. Since the erection of its large milk-condensing plant at Marysville, the company has been unable to secure enough milk to meet its daily demands and the lack is becoming serious.

"I've a Letter from Your Sire, Baby Mine," played on a jewsharp, might prove a good coaxer; or "The Green Grass Grows All 'Round, All 'Round" possibly would influence "bossy" to give down the necessary lacteal flow. It will be seen that the possibilities for "tuning up" the milk supply by the playing of rippling, rhythmical melodies in the dairy are infinite. The hurdy-gurdy would be an appropriate instrument for this purpose.—*The Creamery and Milk Plant Monthly.*

THE TRAVERSE HERD

BULL CALVES FOR SALE from ADMIRAL WALKER COLANTHA, whose four nearest dams average:—Butter, 7 days, 32.83 lbs.; 30 days, 131.85 lbs., and from TRAVERSE BELLE LAD, who is from a 30.115 lb. daughter of PONTIAC BUTTER BOY.

Fifty-two A .R. O. cows in herd, most of them daughters or granddaughters of Pontiac Butter Boy or Homestead Hengreveld Crown De Kol.

Write for pedigrees and prices.

TRAVERSE CITY STATE HOSPITAL,

Traverse City, Michigan.

Make Money With Poultry

AMERICAN POULTRY is a magazine devoted entirely to helping earnest men and women make a financial success of poultry raising. Its staff of writers is composed entirely of those who have made a practical, instead of theoretical, success of poultry farming, and who are glad to pass on the results of their hard earned experience to AMERICAN POULTRY readers.

There are many pit-falls in the path of the novice which may be entirely avoided by those who will follow the teachings set forth in this magazine. It fully explains how to make a start, how to construct houses, coops, and other devices, how to get a large egg yield, how to cure and prevent disease, how to exhibit, how to get the top price for eggs, how to use incubators and hundreds of other points which everyone wishes to know. It explains the famous secret system through which poultrymen have become rich and afterwards sold for hundreds of dollars.

AMERICAN POULTRY is a large, handsomely illustrated, monthly journal, well printed on fine paper, and should be found on file in the home of every poultry lover. No beginner in the poultry business should think of being without it. It will save him many times the small subscription price. The advanced poultryman will also find it of great value; the articles being varied in their scope.

SPECIAL OFFER. The regular price of AMERICAN POULTRY is 50c per year, but in order to introduce it to several thousand new readers, we will, for a short time, give a large 200-page poultry book, which is a complete guide in the poultry business, **absolutely free** to everyone sending 50c for a yearly subscription or $1.00 for a three year subscription to AMERICAN POULTRY. A trial six month's subscription (without book) will be sent for 25c. Never has so much been offered for so small a sum. Advantage of this offer should be taken at once.

AMERICAN POULTRY
Savoy Building. WILKES-BARRE, PA

INFLUENCE OF EXERCISE ON MILK FLOW

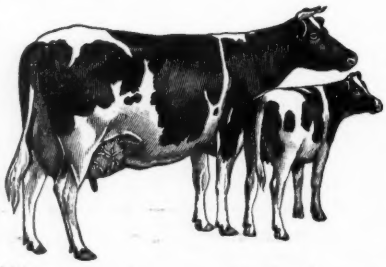
Moderate exercise is good for the health of milch cows and therefore for the milk flow. It does not hurt the cows if they are employed for light work, but on the contrary, it benefits them, provided the feed is suitably apportioned. After light work, such as hauling feed or slow driving for some miles, the milk flow was slightly less in quantity, but the solids so much greater that a higher yield of butter was obtained. Protracted work without rest, rapid movement and heavy loads so as to make the cows perspire, not only diminish the milk yield, but the milk is lower in solids. Small farmers ought to give their cows some employment. Healthier cows have a better appetite, heat develops better, and parturition is easier. If cows are properly exercised, beginning at the age of two and one-half years, the body becomes deeper and broader, the muscles stronger, the hoofs harder, the whole body is hardier and more resistant to disease, always providing that they are not overworked and that they get abundant food.—*Creamery and Milk Plant Monthly.*

In writing advertisers mention the *World.*

A Good Chance to Get Good Bulls

The Annual Sale of Surplus Animals of the New York State College of Agriculture, February 13, 1914, will include Woodcrest Pietje Ormsby, 54909, 5 years old; sire of seven A. R. O. daughters; sire, Pietje 22nd's Woodcrest Lad; dam, Pauline Ormsby (A. R. O. 26.87, semi-official, 827.31); also, Junior Student, born February, 1913, by Woodcrest Pietje Ormsby, out of Glista Ernestine (Junior 4-year-old, A. R. O. 30.512; 30 days,123. 69); also, Double Glista Pietje, born December, 1912, by Cornell Countryman, out of Glista Fenella, daughter of Glista Ernestine (Junior 2-year-old, A. R. O. 15.85), and half a dozen other younger calves, by Woodcrest Pietje Ormsby, out of dams with good advanced registry backing. Catalogues ready January 15th. Address **H. H. WING, Cornell University, Ithaca, New York.**

Colorado Board of Health and Holstein Cows' Milk



The Colorado State Board of Health recently issued an article on babies containing the following:

"In regard to cow's milk, the public naturally wish to get the worth of their money, and a minimum standard of butter-fat should be maintained; yet it appears to be true that very rich Jersey milk is more liable to cause constipation and other gastroenteric disturbances than milk poorer in fat, say of the Holstein breed.

"Pediatrists generally seem to have come to this conclusion."

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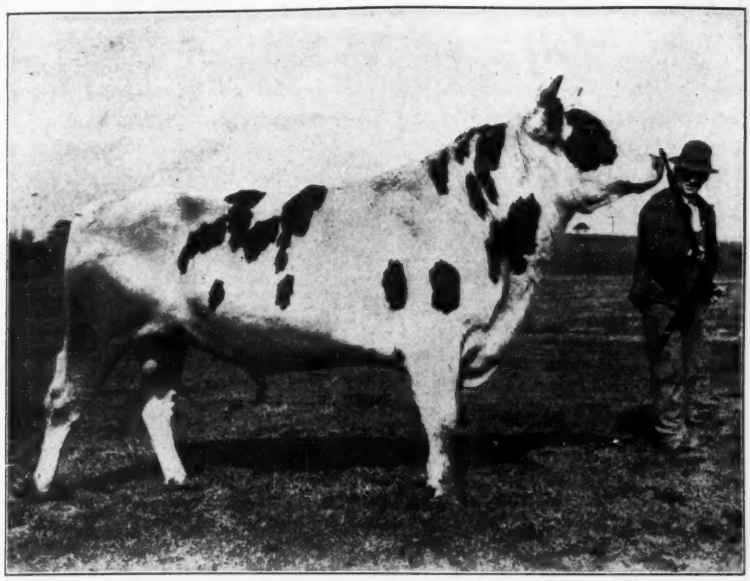

KING LYONS 71155

Moyerdale Herd Sire the Successor of the Great King Segis

Moyerdale Farm, the home of the greatest producing cows of the Black and White breed.

Moyerdale Farm, the home of the great King Segis, the greatest 9 year old sire and grand sire of the breed. 82 officially tested daughters, 365 officially tested granddaughters, 447 officially tested daughters and granddaughters.

KING LYONS NO. 71155. BORN MARCH 23, 1910.

His first seven dams in the first four generations have seven-day records that average 30.26 lbs. each. **Sire, Colantha Johanna Champion 45674,** a son of **Colantha Fourth's Johanna.** Butter, 7 days, 35.22 lbs. Her sons have sired the following World Record Heifers:

Colantha Johanna Champion—the sire of:

Woodcrest Colantha Pietje, milk 20859.7 lbs. at one year, a World Record.

Colantha Johanna Lad, the sire of:

Dutchland Colantha Vale, a junior two-year-old, milk 22,750.2 lbs. one year, a World Record.
Dutchland Colantha Mona, a junior three-year-old, milk 22645.6, one year, a World Record.
Dutchland Changeling Colantha Lad, a junior three-year-old, butter 945.0 one year, a World Record.

What more could you ask of the sons of any one cow.

The dams of the following 30-lb. cows appear in the breeding of King Lyons:

Grace Fayne 2nd Homestead 33.55
Colantha 4th Johanna 35.22
Betty Lyons Netherland 34.71
Blanche Lyons Netherland 34.36

By request I will be pleased to send you by mail a large sized, beautifully gotten up tabulated pedigree, printed on linen back paper showing photographs of the great ancestors which are contained in the breeding of King Lyons.

Only two sons of King Lyons are left for sale, a few other choice bred bull calves.

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He is a son of **King of the Pontiacs** and **Pontiac Asia** (A. R. O. 26 lbs. butter in 7 days, 742 lbs. in 336 days), who is three-fourths sister to Pontiac **Pleone** (26 lbs. in 7 days, 925 lbs. in 346 days)—both sired by **Hengerveld De Kol. For Sale**—bull calf from **Johanna** cow (22-lb. jr. 2-yr.-old) and by above herd sire.
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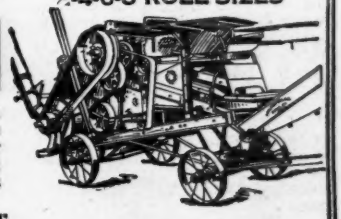

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All from A. R. O. dams.

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44.152 in 7 days. 171.49 in 30 days.

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Home of the world's champions. The place where you can buy more of the blood of the world's champion cow than in any other herd in the world. Choice bulls sired by her three-fourth brother, Spring Farm King Pontiac, here out of the great cow Tweede White Lady, 37.45 in 7 days; 149.928 in 30 days; 278.40 in 60 days; 391.11 in 90 days; 425.20 in 100 days and in test for a year. He is the best son of King of the Pontiacs, I have 26 of his daughters, Stevens Brothers will have more.

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A three-year-old out of 26-lb. four-year-old; also a month-old calf from a 23-lb. three-year-old. Write for photos and pedigrees.

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A son of King Segis Pontiac (from a 25 lb. daughter of King of the Pontiacs)
7 granddaughters of Pontiac Korndyke
1 daughter of Pontiac Korndyke
1 daughter of Rag Apple Korndyke
A yearling son of Rag Apple Korndyke (from a 22 lb. 2-year-old)
A 20 lb. daughter of De Kol Burke
A daughter of Lord Netherland De Kol
A granddaughter of King Segis Champion
A granddaughter of Sir Korndyke Manor De Kol
1 daughter of King Segis Pontiac
1 daughter of Albina Butter Boy
A 22 lb. daughter of a 31 lb. cow
A son of Ormsby Korndyke Lad

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It isn't a very big book, so of course,it doesn't tell all the good things about him, still we believe it would be interesting to you.

It has photos of Spring Farm King Pontiac 6th, his 34-pound dam, his 37-pound granddam, his 44-pound seven-eights sister and several others.

This book is nothing elaborate, but is costing pretty well at that. We would like to send you one, and will if you write us and just tell us what issue of the "World" you saw this in. Don't send postage. We will attend to that.

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